

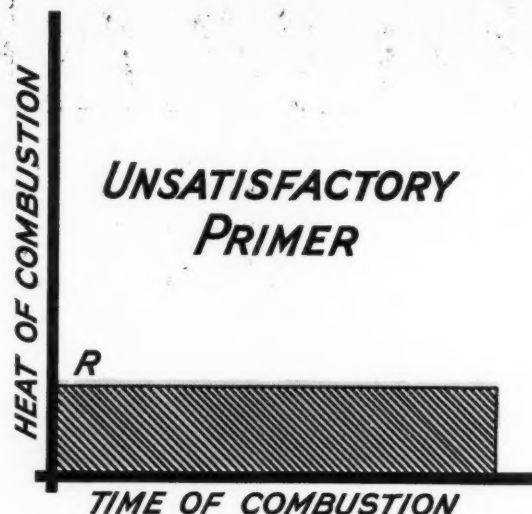
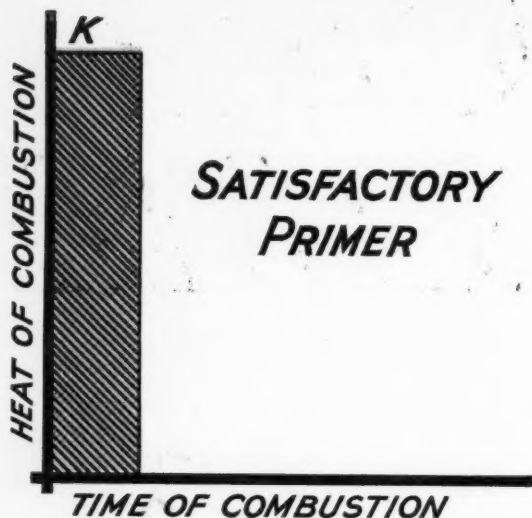
The AMERICAN RIFLEMAN



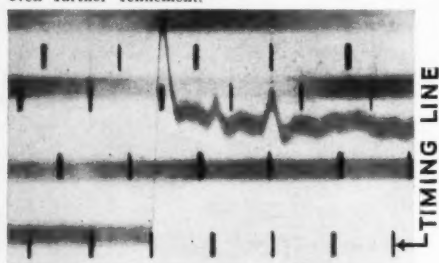
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Incorporated 1871

AUGUST, 1929

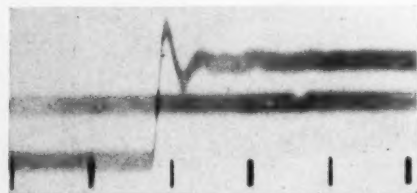
25 CENTS



The four oscillograph records shown below illustrate actual Primer performance. The interval between two adjacent timing lines represents one-thousandth of a second. Heat intensity is indicated by the height reached by the wavy lines. The photograph immediately below represents the present ideal beyond which Peters is aiming toward even further refinement.



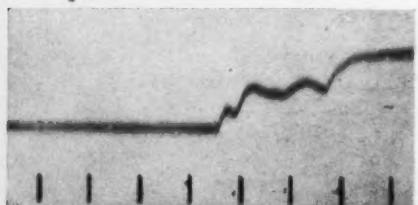
Ideal. Great heat. Short time (about two ten-thousandths of a second).



Good. High heat. Satisfactorily short time (about four ten-thousandths of a second).



Typical double ignition Primer.



Typical hang-fire Primer.

PETERS makes important study of Primers

NO FINISH can be better than its start. The Primer is what *starts* the force that sends a bullet on its journey. Therefore, *primers are most important*.

That is why Peters has been conducting some amazing experiments in Primers. It is hoped the chart and pictures may largely explain themselves. These pictures are Oscillograph Records made in the Peters Physical Laboratory by an exclusively controlled method. It is as a result of findings brought to light by these marvelous pictures that Peters has been able to develop some pioneering improvements in ammunition.

Explaining the above chart, it may be said that a Priming Mixture giving a result such as shown on the left, burns in a relatively short time, rising to a high temperature (K); while that to the right, although of equal total heat content, reaches a much lower temperature, as (R), but, due to a lower rate of combustion, continues to burn for a comparatively long time.

A Priming Mixture such as shown above at the left would represent a type of Primer giving satisfactory ignition; while such as the right hand typifies will result in hang-fires, misfires and squib loads, although the total heat developed may be the same in both Primers. Thus it should be understood that both *heat and time* are contributing factors to Primer performance.

No wonder Peters Ammunition is as near an approach to perfection as the march of science makes possible. Write us for *free booklet*, "What Happens After the Shot is Fired." It will show you some amazing pictures of bullets in flight, taken by *spark photography* with an exposure of but *one-millionth of a second!*

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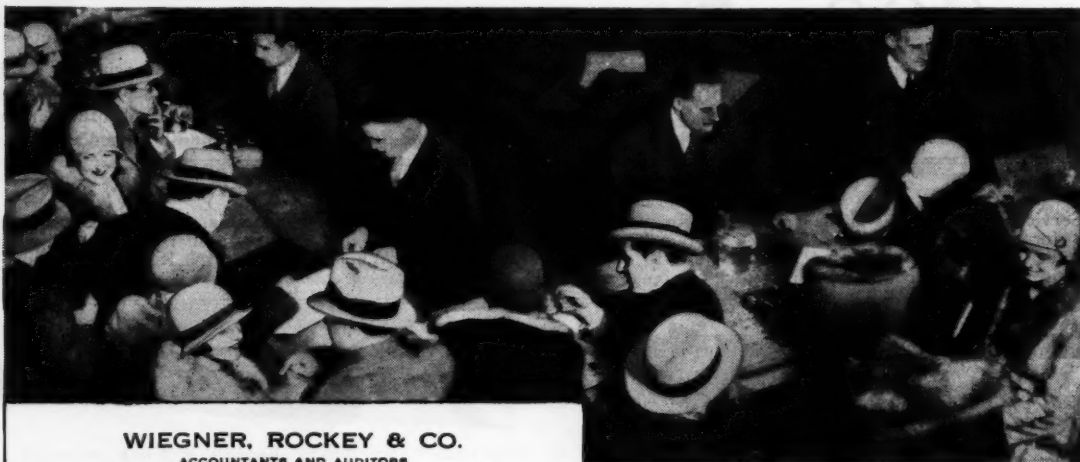
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AMMUNITION YOU CAN SHOOT WITH CONFIDENCE

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BROADWAY "O. G." *casts its vote for*

2003 New Yorkers compare the four leading cigarettes



WIEGNER, ROCKEY & CO.

ACCOUNTANTS AND AUDITORS
48 BROADWAY, NEW YORK

New York, March 8, 1929

P. Lorillard Co., Inc.,
119 West 40th Street, New York City.

Gentlemen:

We hereby certify that we supervised and audited a public test of the four leading cigarette brands at 1741 Broadway, New York City, during the period of March 2 to March 5, 1929, inclusive.

This test was conducted in the following manner:

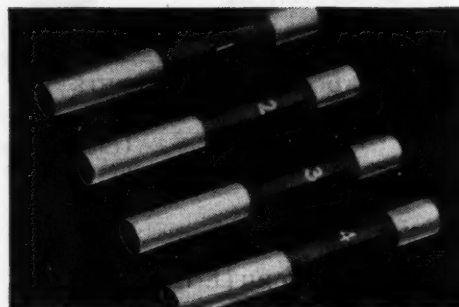
- 1 All four cigarette brands were purchased through the regular retail channels.
- 2 Each cigarette was banded with a paper "mask" wide enough to conceal the brand name.
- 3 The test was open to the general public, without any discrimination. Everyone who stepped into the display room was invited to smoke one each of the 4 "masked" brands and to indicate which cigarette his taste liked best.
- 4 After each tester specified his choice, he was permitted to remove the brand-masks so that he might see the name of the cigarette he had chosen as best, as well as the names of the other three cigarettes in the test.

We further certify that the following summary correctly sets forth the complete vote cast for the four brands in this demonstration:

	FIRST CHOICES	PERCENTAGES
OLD GOLD	601	30%
Brand X	522	26%
Brand Y	450	22.5%
Brand Z	430	21.5%
	<u>2,003</u>	<u>100%</u>

Very truly yours,

Wiegner, Rockey & Co.



The four leading cigarettes, "masked" to conceal their brand names.



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"NOT A COUGH IN A CARLOAD"



Brattleboro (Vermont) Rifle Team, winners of 75-Foot Any-Sight Match for 1929.

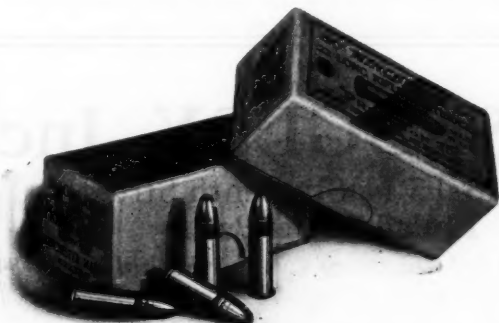
Two More Brilliant Victories with **WINCHESTER** TRADE MARK PRECISION CARTRIDGES

PITTED against the picked indoor rifle teams of the country the Brattleboro (Vermont) Rifle Club won the 1929 N. R. A. Civilian Interclub 75-foot, any-sight, indoor championship with the excellent score of 2,916 x 3,000. In compiling this imposing total this team hung up 11 possibles backed up by a consistent set of beautifully executed targets throughout the three stages of the match. The Brattleboro Club's scores by stages were 988 - 978 - 950.

The entire Brattleboro team shot Winchester Precision 75 cartridges in winning this blue-ribbon event.

The famous Quinnipiac Rifle and Revolver Club team again placed in the big matches of 1929 by carrying off the 50-foot Civilian Interclub Metallic-Sight Match with a mark of 2,852. Its scores by stages were 976 - 946 - 930.

The Quinnipiac shooters used Winchester Precision ammunition in Winchester Model 52's—that outstanding .22-caliber target combination of victory.



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NEW HAVEN, CONN., U. S. A.

For \$65 you obtain this SPRINGFIELD SPORTING RIFLE *Complete*

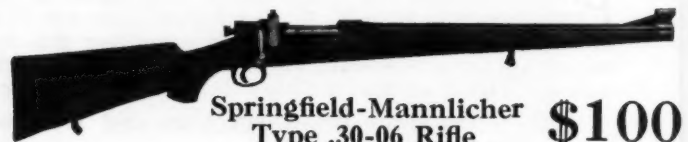
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Limited
Number
Order NOW!**

And when we say complete, we mean

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Everyone tested at 70,000 lbs. in our own plant before shipping. Used by big-game hunters from Alaska to Africa with greatest satisfaction.

*Order Early
Write Your
Jobber—
Jobber
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Springfield-Mannlicher Type .30-06 Rifle \$100

20-inch barrel, full length sporting stock, with cheek piece. Lyman No. 48 Rear Sight and No. 26 Front Sight, gold or ivory mounted on matted ramp with removable guard.

R. F. SEDGLEY, Inc.

2311-13-15 N. Sixteenth Street
Philadelphia, Pa.

Manufacturers

Established 1897

The AMERICAN RIFLEMAN

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EDITORIAL

Come To Perry

AS THIS issue of THE AMERICAN RIFLEMAN comes to the hands of its readers it will be time to begin making definite plans for the trip to Camp Perry. And at this time the great wish that we at National Headquarters have for each and every one of our members is that they will be able to attend the National Matches this year.

The Matches in 1927 broke all previous records for attendance and for wholesale powder-burning. Then 1928 came along and established a still higher record at Perry. Indeed, the 1928 National Matches were an imposing affair. And now, as this year's National Matches draw near, they bid fair to overshadow everything that has gone before.

The newcomer is always particularly welcome at Perry. He will find that everything is done to make his stay a comfortable and enjoyable one. The entire camp organization is at his service; and he will find the old-timers all ready and glad to help him with his problems on the firing line. Yes, it is the easiest thing in the world to have a wonderful time at Perry!

The old-timer at Perry needs no urging. He knows. It is the man who has not yet attended the National Matches that sometimes allows imaginary obstacles to keep him away. He has dreamed and dreamed of the wonderful joy of being able to burn powder from morning until night, day after day, without one cent of cost to himself—"Some day," when he will make that trip to Perry. He has visioned a firing line a mile and a half long, and has pictured himself taking his place upon it—"Some day." He has thought of the wonderful opportunity to see the latest and best in the arms and ammunition world, and to meet and chat with the great experts of the country, up and down Commercial Row, during the magic hours between supper time and taps. And he has thought of the rare privilege of meeting other riflemen, from the four corners of the land, and of the friendships thus formed which last for life.

Yes, Mr. Newcomer, all these—and more—await you at Perry. Stop dreaming about them, and pack up your things—**and COME!**

Our Team

ON AUGUST 16, at Stockholm, America will this year be represented by a team composed of the best free-rifle shots that could be gotten together in this country.

Credit is due the Army, the Navy and the Marine Corps for the material assistance given, not only in the selection of members of the team from those services, but also, in the case of the Army, for ammunition and equipment never before equaled, and in the case of the Marine Corps, for the wonderful facilities at Quantico, all of which were placed at the disposal of the National Rifle Association.

In addition to the above, considerable interest was manifested upon the part of civilians throughout the country; and from the preliminary tryouts among the civilians eight were selected and invited to Quantico for the final tryouts.

The conditions at Quantico were ideal for practice. A squad of twenty-five men worked hard and earnestly to perfect themselves and their scores in the standing, kneeling and prone positions and win places on the team. Our teams have heretofore been weak in the standing position, and for that reason special attention was given to firing in that position. The results obtained were very satisfactory, and those charged with the training of the team were highly gratified at the prospect of a much higher score in the standing position than has heretofore been obtained by an American team.

Following the practice period the final tryout was held. This tryout covered a five-day period, after which the team was selected. The selection of the men who compose our team was based upon their actual performance in the tryout, and there is no doubt that these men will give a good account of themselves. The shooting membership of the team is composed of five Marines, two Army men and three civilians. It was the opinion of the team captain, Maj. Ralph S. Keyser, when he sailed from Hoboken, that the mental attitude and esprit of the team could not be improved upon. It is believed that the team is the best that could possibly be gotten together. Everything that could be done by the N. R. A. and the National Board to equip the team has been done. The result rests with the five men who will be selected to actually fire the match. The shooting fraternity throughout the country is waiting and hoping for victory.

The AMERICAN RIFLEMAN

Vol. LXXVII

AUGUST, 1929

No. 8

The Eighth Annual Sea Girt Tournament

By L. Q. BRADLEY

(Photographs by Frank J. Kahrs)

EXACTLY 166 devotees of the popular .22-rifle game put in an attendance at the Eighth Annual Eastern Small-Bore Tournament, fired over America's lawn-like and most historical ranges, July 3 to 7, inclusive. For the information of new readers, and as enlightenment to old-timers who have forgotten a most important chapter of this country's shooting history—if there are any such—be it known that Sea Girt—happy shooting ground of small-bore shooters everywhere, Mecca of all wind-dopers east of the Mississippi—is situated along the shores of South Jersey. It lies in a southerly direction from New York and points north; it is north and east of Philadelphia. Distance from these two cities is about the same, provided you keep on the right road, mileage approximating three score from either point.

Scheduled to get under way early on the morning preceding Independence Day, and extended over a five-day period which took in both the holiday and the week-end following, shooters from twelve States, near by or otherwise, arrived in time to shoot in some of the matches. Most of the 166 that registered came early, 149 of this number having reported on or before the first day. It was therefore an early forecast that the 1928 attendance record of 160 would be smashed.

Coincident with the prediction that another new high mark for attendance might be expected at this year's Fourth of July Sea Girt shoot was a general rumor having to do with the making and breaking of shooting records. Had it not been for the breezy coast wind which blew in on the first day of the shoot, and which continued almost unceasingly each day thereafter, this latter forecast might also have been substantiated. But unlike the famous shoot of '28, when favored by almost perfect weather conditions, records were made only to be shattered the same day, the 1929 Sea Girt classic was truly a wind-doping tournament. No one dared lay claim to any of the famous matches this year prior to their being fired, nor did anybody unduly exert his mathematical

mentality in figuring just how many V's or X's to go with a possible score would be needed to win one of the important events.

Sea Girt at Fourth of July time means a whole lot to shooters who annually attend the Eastern Tournament. It means almost as much, too, to the mass of small-bore riflemen elsewhere who, unfortunately, are separated by distances too great to permit attending, but many of whom nevertheless entertain yearly aspirations to the making of the annual Sea Girt shoot. Because of its favorable location, which really makes the camp a tented resort, coupled with its generous range facilities, there is to the rifleman probably no spot in America quite as fitting for the spending of a week's outing in celebration of the Glorious Fourth. The water sports and other amusements offered at near-by sea resorts compare favorably with those anywhere along the Jersey shore, so that families of shooters attending the Sea Girt meet, if they do not shoot, can always find plenty of entertainment, while the men folk spend perfect days along the time-honored ranges of National Match fame.

To say that the success of the 1929 Sea Girt Tournament was due in a large measure to the efforts of any one person would be a mistake. Indeed, Sea Girt is too big a shoot for one-man control. Its success necessarily is dependent upon the combined efforts of the dozen or more outside officers who, in co-operation with the Executive Officer and the New Jersey State Rifle Association, are charged with the efficient conduct of the matches and smooth-running administration of the meet. And so we come to know the officers of the competition.

In his usual cheerful mood, despite a most recent recovery from a serious illness, Gen. Bird W. Spencer, father of Sea Girt, and rifledom's best-known rifleman, again filled the job of Camp Executive Officer. Incidentally, this marked his eighth consecutive year as Executive of the Eastern Small-Bore Tournament, General Spencer having been the Commanding Officer each year since the



A part of the firing line at Sea Girt. Note that although approximately 100 shooters can be taken care of on one relay at the short range, in practically every match a second relay was always on the line ready to be called

inception of these matches in 1922. As a token of their appreciation of his continued interest and loyal support, and on behalf of all shooters attending the 1929 Eastern Tournament, the General was presented with a handsome traveling bag.

Lieut. Col. Alvin H. Graff and Mr. Frank J. Kahrs, both veterans of eight annual Sea Girt shoots, and neither of whom needs an introduction to readers of the RIFLEMAN, were the Assistant Executive Officers. Their sound executive knowledge, gained from many active years of service to the shooting game, makes these gentlemen most admirably qualified as "Sea Girt's right-hand men." Simultaneously with the presentation of the token of appreciation to General Spencer, and in like manner, a nifty pair of gold cuff links was given Colonel Graff; and at a subsequent gathering of the competitors, Mr. Kahrs, on the motion of Ed. Smelter, winner of the famous Palma Match, was given three rousing cheers in appreciative acknowledgment of his faithfulness to the clan at Sea Girt.

The job of Quartermaster at Sea Girt is another important one, particularly in view of the steady increase in attendance at these matches. Under the management of Lieut. Col. John Malcolm, close to 200 competitors were taken care of in clock-like order and in as nearly perfect manner as conditions permitted. Both the clubhouse and the squaw camp, as well as the area set aside for competitors, were crowded to full capacity. Nevertheless, except for the first night, when an unusually cool evening made extra blankets about as scarce as "possibles" over the Palma course, everybody remained in good spirits throughout the week.

Technical Officer Harry M. Pope, of Pope barrel fame, was again on the job to see that all rifle actions were of a safe type, and to check the diets of trigger pulls to ascertain that none had lost its required three-pound weight. The fact that his late arrival prompted many inquiries as to his whereabouts is evidence enough that Sir Harry's presence is most essential to the well-oiled machinery of Sea Girt administration.

Probably the outstanding feature of the 1929 Sea Girt Tournament was the innovation of military aid in the functioning of the shoot. The presence of Maj. Harry L. Smith, Chief Range Officer, and his snappy detail of six young Marine officers, furnished through courtesy of the U. S. Marine Corps, went a long way toward bringing about real range efficiency. Under Major Smith, who will be remembered as veteran of many National Matches, and as Team Captain of the 1928 U. S. International Rifle Team, the entire operation of the range was han-



A view of the 200-yard firing line during the shooting of one of the important long-range matches

dled in a manner that reflected credit both upon himself and the officers under his command, as well as upon the service they represent. Besides his own detail Major Smith was aided by several range officers who, due to their long experience on the ranges at Sea Girt, were of invaluable assistance. The good work of Capt. Y. T. Frazee, Capt. George Amouroux, Capt. Edgar D. DeRonde and Lieut. Edward O'Brien, all of the New Jersey National Guard, was of the best quality, while popular "Lou" C. Weldin, Hercules ballistic engineer, almost single-handedly took care of the short ranges in his usual capable manner.

No one individual or department deserves more credit for the success of the 1929 Eastern Tournament than Maj. Harry N. Marsh and his staff of expert statisticians. Hard-boiled because the job demands no favoritism, but nevertheless always "sorry" that favors can not be granted, the recently elevated Reserve Major in the role of Master of Statistics, supervised the work of this important office in a most efficient manner. Like Major Smith, Marsh was fortunate in having at his service a staff of capable and experienced statistical officers. They were Mr. T. A. Davis, representing the Winchester Repeating Arms Co., Mr. F. T. Dugan, of the du Pont company, and Ollie M. Schriver, official scorer of the N. R. A., loaned by the Association to score targets at Sea Girt. Also of real assistance to Major Marsh were three young ladies



Planning ahead. Capt. George Amouroux, Maj. Harry L. Smith and Captain Frazee discuss the crowded day's schedule and make plans to speed up the relays so the matches will run on time

whose presence, aside from their office value, had the expected favorable effect on the functioning of this important office. The girls were: Misses Edna Brandenburg, of the D. C. M. office, Grace Gilmore, another Hercules employee, and Aurelia Plavka, from General Spencer's home town.

Besides the commercial representa-

tives already mentioned as officers of the competition, the following were present in the interest of the companies they represent: Gen. Elliott C. Dahl and W. H. Cochrane, of the U. S. Cartridge Co.; Col. L. J. Herman and J. E. Burns, of Remington; Col. W. A. Tewes, of the Peters Cartridge Co.; H. S. Fowler, of Western, and J. A. Dickerman, of the Winchester Repeating Arms Co. Colonel Wirghman, U. S. Marine Corps, and Lieut. Col. J. M. Coward, the Director of Civilian Marksmanship, were two other interested observers throughout the duration of the matches. Conspicuous because of their absence were J. W. Fecker, who is working on a special telescope for Harvard University and could not attend, and Brig. Gen. George C. Shaw, former D. C. M., just recently promoted to this higher rank, and who is now stationed on the Pacific coast.

Two of the most interesting "high lights" of the 1929 Sea Girt Matches were the attendance of exactly 50 Class C (first year) men, and the presence of 8 new teams. The U. S. Marine Corps and the following-named rifle clubs were responsible for the eight teams which made their debut at this year's shoot: N. Y. Stock Exchange Rifle Club; Roselle (N. J.) Rifle Club; Sea Girt Rifle Club; Sea Cliff (N. Y.) Rifle Club; Toledo (Ohio) Rifle and Revolver Club; Plainfield (N. J.) Shooting Club, and the Monticello Rifle Club, of Jersey City. A total of 40 clubs from 12 States were represented by individuals, while 17 full club teams were accounted for. Among the dozen States from which shooters came were two outstanding ones, namely: Arizona and Oregon, whose representation was brought about by the attendance of Harry N. Renshaw, member of the 1929 International Rifle Team, and Earle Stimson, unsuccessful candidate for the same team, who remained in the East following the Quantico tryouts so as to make the Sea Girt Tournament.

Incidentally, one of the outstanding accomplishments of the shoot was the run of 30 consecutive bulls with iron sights made by Renshaw in the Swiss Match at 200 yards. He did not win the event, this being the match that provided the only new record of the year, but his achievement is the best one on record for iron sights on the C5 target at the long range. In winning the

(Continued on page 31)

Round Bullets in the Cutts Compensated Shotgun

By CHAS. ASKINS

I NEVER have approved of the use of buckshot on deer, or on any other four-legged beast. For all that, the subject is pretty hard to down. In the land of Dixie they are apparently determined to use shotguns on deer; and this is true of other parts of the world, as in Europe, where the small roe deer is usually shot with a smooth-bore.

The shotgun is such a handy weapon that many will persist in its use where the rifle is much better adapted to the purpose. Some English big-game hunters use the ball-and-shot gun even on such game as the royal tiger, as well as on bucks of one kind and another that are shot at close range in heavy cover.

On a visit to the Hoffman Arms Co. a couple of years ago the most interesting gun that I saw was a Holland & Holland Paradox. This was a 12-bore and shot an elongated bullet, hollow, I think, with a brass-capped point. This Paradox is rifled for a few inches at the muzzle, both barrels. The gun was supposed to shoot an ordinary cylinder pattern with shot, and could be used for wing shooting after the ordinary fashion. I didn't pay any attention to what the gun would do with shot, but with bullets it shot precisely like a rifle. We shot it offhand only, because it was a kicker, but shots could be called with it precisely the same as with a rifle; and when a man held on a 6-inch bull at 100 yards he hit it, either barrel. The missile weighed 750 grains, and the gun seemed to have tremendous power. The velocity, I was told, was 1,750 foot-seconds, which would put the energy at about 5,000 foot-pounds, which explained why the gun kicked. I have no doubt that this Paradox could account for every species of big game up to elephants and rhino, where it might or might not lack penetration.

Of course these big double Paradox guns, same as a big double rifle, will cost too much money for the average deer-hunter, which raises the question as to whether anything like similar work can be had from an ordinary shotgun. Evidently a good many deer-hunters think deer can be killed with a shotgun loaded with round bullets, because the factories continue to load such ammunition, which obviously means that they have a sale for it. Now we will wish to know just what can be expected of such loads in our shotguns.

In order to put up loads that will work and not be dangerous to the muzzle of full-choked guns, the factories load 16-bore round bul-

lets in a 12-bore shotgun. Wads are so cut as to seat and hold the balls true in the bore. Nevertheless, the round bullets so much under bore diameter are not particularly accurate. In my experience, while a good many rounds will shoot true, there are flyers which will curve out of a 30-inch circle at 40 yards. Nearly any factory will claim to make better round-bullet loads than any other factory, and on test the ammunition of some one maker may outshoot that of the others. This is probably much a matter of the gun happening to fit that particular cartridge better than others. Guns make some difference, too, with all such loads, for one gun may be overbored and another underbored. Then, as well, a full-choked gun might better direct these under-caliber bullets, there not being so much difference between a bullet of .665 and a muzzle of .690 as there is between a cylinder of .730 and this same bullet. On top of this, shotguns usually shoot high with round balls, or at least mine do. Furthermore, even if

the bullet gave us full value for the hold the aim might not be very accurate with the one muzzle sight.

After a good deal of experimental work I found that I could take a 16-bore double Ithaca, improved cylinder, pick out balls that fitted the muzzle, patch them with Canton flannel, and secure a load that would shoot into an 8-inch ring at 50 yards. This was all right, but such ammunition is not obtainable by the general public, who must use whatever ammunition is available.

A young friend of mine wished to use his 20-bore Winchester on deer, and finding the barrel almost, if not quite, a true cylinder, we loaded it with 20-gauge bullets, after pushing a few through the muzzle and finding them a snug fit throughout the bore. Greasing these balls, we loaded them in the place of the factory bullets in factory round-bullet cartridges. The young man, shooting offhand, hit the disk of a rolling plow cutter five times in succession at 50 yards, and announced that he had a better gun than a rifle for running shots in the thick woods. The disk he struck was about 10 inches in diameter, and most of the balls landed pretty well in.

I called Colonel Cutts' attention to the need of a better-shooting round-bullet load, and after some experimenting he selected Peters. On the patterns or diagrams that came to me the specifications state: Peters ball, 50 yards, cross wind 20-25 miles an hour, pattern tube No. 740. These targets were shot by Lieut. R. M. Cutts, Marine Corps, on the 50-yard pistol range. Of the sixteen rounds fired, all shots except one landed in a 12-inch ring.

Lieutenant Cutts is a rifle shot, member of the Marine Corps Rifle Team, and he says that he might have done better if he'd had sights on his shotgun, which was a Winchester Model 12 pump gun. I haven't any doubt about this myself, having found that the minute you try to group with a shotgun shooting bullets you need two sights. The double gun with which I did my best ball shooting was of such a fit that I could aim along the center of the rib, looking flat over it, and this can not be done with a pump gun unless it has a raised rib. Regardless of the accuracy of the aim, however, the factory cartridges are not going to group very close at 50 yards, from an ordinary shotgun. I had one shotgun mounted with a telescope sight and know that my holding was much better than the grouping. Usually the wild shots flew high, as well as to the right and left.



Cutts Compensator tube .740, 50 yards, Peters round-bullet load. Shot by Lieut. R. M. Cutts, Jr. Bullet marks are twice the size they should be. Circle is 12 inches in diameter. Deer taken from the cover of "Hunter-Trader-Trapper"

Targets shot by Lieutenant Cutts have been reduced from the 12-inch circle into which the loads shot and are presented herewith. Also one target is illustrated on the body of a deer, where a 12-inch circle was drawn around the bullet holes. These bullet holes are about twice the size that they ought to be, in proportion; otherwise the target would show about what would happen to the deer. It appears to me that for running shots, considering the handiness of the shotgun and the fact that most of us would use such a gun faster than a rifle, the shotgun should prove about as effective as a rifle, up to 50 or 60 yards.

I wouldn't advise anybody to shoot a shotgun with round balls at a deer beyond 75 yards at the farthest, even though patched bullets were used and the gun shot them as well as the old smooth-bore United States muskets used to when the troops were armed with this gun. While a 12-bore round bullet would probably kill a deer at a quarter of a mile if he could be hit properly, yet I have shot the best loads I could devise at 100 yards, and I wouldn't abuse a deer by taking the chance of crippling him at such a distance. Matter of fact, I wouldn't shoot a shotgun at a deer anyhow, because when running he is far too fine a rifle target. There are others, however, who are not wedded to the rifle, and the round bullet is a far more humane missile than any buckshot load.

It will be noticed in the specifications Lieutenant Cutts gives that tube No. 740

was the one used. Now the 12-bore shotgun, bored true cylinder, is .729-.730; so this tube is about ten-thousandths oversize at the muzzle. This is the tube that throws an improved cylinder pattern with shot. Just why it shoots a round ball better than any uncompensated shotgun, I do not know. Perhaps the gas blast that follows the ball from the muzzle strikes the wad on which the missile rests, turning it out this way or that. With this gas blast largely eliminated, the bullet may, and probably does, take a truer course. If a round bullet were de-

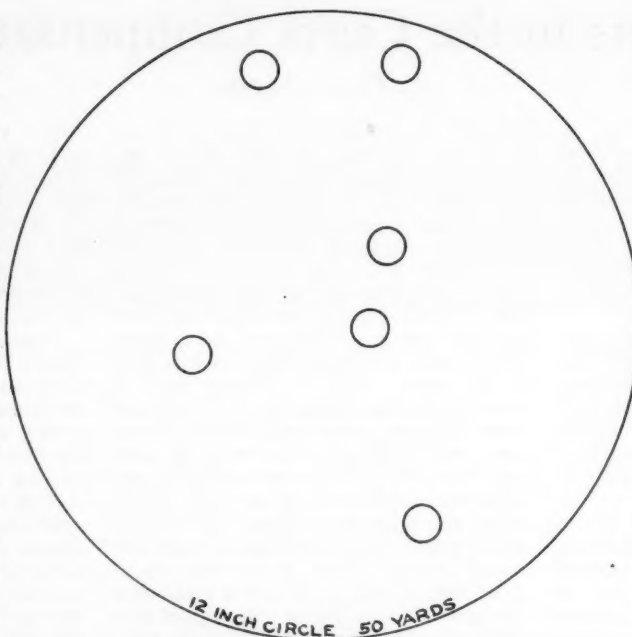
livered true from the muzzle, and not disturbed by the rush of gas past it, there is not much doubt but what it would shoot into a 6-inch circle at 50 yards.

I'd very much like to see my friends in the South try out the Cutts Compensator tube with ball in place of using buckshot.

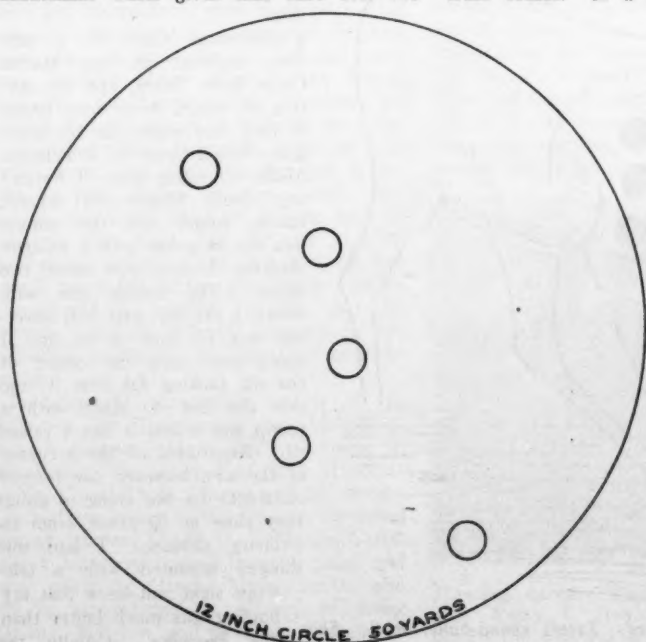
There isn't much to deer shooting if the beast hasn't a chance to escape unhit. There might be chance enough of losing him, of course, even with the best holding with buckshot; but most of us hate to think of a deer struggling off with two or three buckshot in him. I followed a deer once, along with the man who had shot him with buckshot. We trailed the buck for two hours, searching for the tracks on the hard ground, and following step by step. When we did overtake him, getting within 20 yards before we saw him, he was so sick that though he was looking at us he never moved until I shot him with a rifle. Only one buckshot had landed in the deer's brisket,

and while it never would have killed him it made him deathly sick. I do not like to think of that sort of thing.

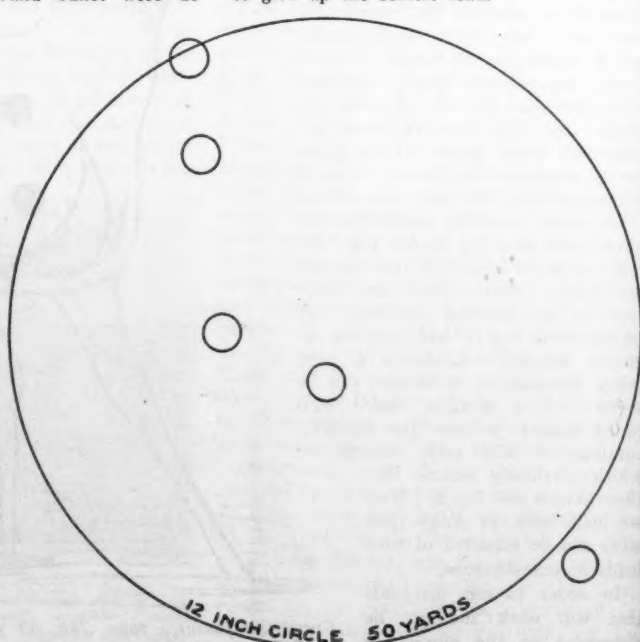
If any means could be found of weaning people away from buckshot, that would be a great gain in sportsmanship; and I am hopeful that the Cutts Compensator proves a boon to the woods shooter—the man who must take his deer at short range in heavy cover. If the deer can be hit and killed with a shotgun, where he is now often hit and crippled, many, I think, will be willing to give up the scatter load.



Peters round-bullet cartridge, shot by Lieut. R. M. Cutts, Jr., Winchester shotgun



Peters round-bullet cartridge, shot by Lieut. R. M. Cutts, Jr., Winchester shotgun



Peters round-ball cartridge. Only target of those fired in which a bullet went out of the 12-inch circle

California State Rifle Association First Annual Matches

By E. C. CROSSMAN

*"And the wind blew through his whiskers just the same,
And the wind blew through his whiskers just the same,
He put on his rubber boot,
And he yelled 'Well darn this shoot'
But the wind blew through his whiskers just the same."*

WELL, anyhow she's over and the brethren are getting the leeward lean somewhat out of their whiskers and the dirt out of their ears and the evil out of their usually sunny dispositions.

The shoot mentioned in the above headlines came off according to schedule, but that's about all you could say for the darn thing in spite of the hard preliminary work of the officers of the Association, led by Les Pope, captain of the great California civic team of last year, Ed. Henderson, Scanlon, Hunt and other "fall guys."

The shoot was all right; the trouble lay in the spot picked to hold it. And the worst of picking on said spot is that it is like the small boy's bellyache, it didn't amount to much but it was the best he had. Nobody wants to go back and again enjoy the breezy hospitality of the accommodating cannon-cockers of field artillermen who kindly let the civies shoot over their alleged rifle range, but also nobody knows where the boys can go and fare better. As a State densely populated with rifle ranges California is certainly a wonderful place for golfers.

However, nobody knows where the boys can go and fare worse; so it might pay 'em to look around a bit. If only the 200- and 300-yard ranges are to be used, it takes no huge expense or anything to dig pits and put in a temporary range in some spot where at least the offhand matches can be shot sitting instead of prone.

The shoot concerning which I have had the job of official scribe wished on me represents the first effort to get together the civilian riflemen of California in the same spot without calling out the police reserves. As a matter of fact when the shoot opened it was found that 15 cops were on hand, but as they stuck to pistol-shooting it was felt that possibly they had not appeared merely as a precautionary measure.

The time is as set forth, the spot was that newly acquired odd—very odd—2,500 acres acquired by the State of California for a training ground for its National Guard. Location about 4 miles north and west of San Luis Obispo, which in turn represents roughly a 50-50 split of the distance from Los Angeles

to San Francisco, which is a small town that used to have quite a few people living in it until Los Angeles was discovered.

As a matter of military training this site is no doubt very, very well adapted to its purpose. On it every variety of vicissitude which may befall a soldier in battle may readily be furnished. It was picked out by the artillermen, who should worry about wind, hilltops and the like. In fact, a hilltop is one of the sweetest things in nature to an artillerman; but he does not get on top of it except as an observation point—he gets down underneath it.

But, I can only assume that site for the rifle range was also picked out by said artillermen. Up a canyon a mile from the only site which could be used for small-bore and pistol work and requiring low gear in some cars, second gear in others, and absolutely prohibiting flivvers of the Model T type without special rear axles, these cannon-swabbers found two nice adjacent hilltops at the head or a draw up which all the wind from the Pacific concentrated and in which the trees all grew horizontal, leaning away from this prevailing zephyr. Contrary to rumor these two side-by-side hilltops were not the windiest spot on the 2,500 acres. There is a rocky peak 2 miles to the west which is still higher and presumably windier.

Anyhow, this is where the artillermen put this rifle range. The only redeeming feature anybody could discover in it lay in the fact that it happened to be 200 yards and 300 yards, respectively, from the hillside where the butts were established. Another was that

it was as far away from civilization, level ground, headquarters, living quarters, latrines, mess-hall, water and the like as careful selection could find on the range. This is a virtue from the artillery standpoint, because a rifle range is merely a waste of nice land on which you could otherwise plant batteries or shells or observation points or something. It had no more relation to the small-bore range than the proving ground does to the Perry clubhouse, and it had the same relation to headquarters as Port Clinton does to Perry—except that the road was a winding pair of wheel tracks up a steep canyon.

The first two days of the shoot were not so bad. It was agreed by everybody that the offhand match might easily be shot sitting, time out being allowed for brothers who got blown off the firing point. This, however, was the regular west wind from the Pacific which blows regularly every day in that region and some nights.

By putting up a tent which was anchored to a pair of live-oak trees and in turn anchoring the live-oaks to a couple of boulders quite a nice spot was fixed up for the free-rifle shooters the first day.

The only fault found with shooting offhand in the open was that just about the time a man got his permanent lean-to port against the 20 to 30 odd miles of wind, she'd drop on him and then he'd do a Brodie because of this sudden lack of support to the left.

However, there was practically no wind the first two days, compared with the last day, which was quite unusual. This means in California any phase of the weather about which one might have a legitimate complaint. It provided variety, however, because it turned around and blew from the east, and instead of being cold it was hot and instead of averaging 20 miles it averaged 40. However, it did stop about 2 p. m., just about 30 minutes after the shoot was over. All of the scorer's stands reported as missing were found at the bottom of the hill, so the total damage was very small.

And here entereth the sad tale of The Kanny Kops, who decided that they would pull a fast one on ole Boreas. There appeared at this here new shoot two teams of pistol shooters representing the Los Angeles and Pasadena Police Departments, and with the possible exception of Portland, the two toughest aggregations on the Pacific coast. The Pasadena outfit included such men as Corbin and Upshaw, and the Los Angeles team Jim Davis, Bartley, Ward, Nowka



The Fresno Rifle Club Team. One of the strongest Service rifle club aggregations in the State of California

and other gents whom it would be most unpleasant to meet down an alley on a dark night—provided you pulled a gun and started to swap bullets with them. It would be a most uneven swap because you would most assuredly get more bullets out of the deal than any of these cops.

Anyhow, they showed up at the range, the only two police teams, and not a set-up, a fall-guy, a donator or any other lowly form of team on the range on which they could pick.

After a day or two leaning up cozily against the San Luis zephyr and hitting one another's targets most sociably and unintentionally, they got a brilliant idea. One or more of them noted that the breeze went down with the sun and got up a little later than did the sun, the sun having a better alarm clock or a noisier milkman or something.

So the two teams resolved that on this fateful Sunday and last morning they would arise at a most painful hour to a police gentleman, swallow some coffee and hasten to the range, where they could fight out the matter of whichever team was the poorer—and each team having the private idea that thereby it put a whizzer over on the other one.

So the next morning the two teams met in the lobby of the hotel, each one carrying its shoes and tiptoeing softly lest it wake up the other one and give it an even break. Whereupon each team disgustedly put on its shoes and the boys drank some coffee and climbed into their chariots and hastened to the range.

But alas! while the west breeze that got up just after the sun was not yet on hand, there was a copious quantity of breeze that stayed up all night and that came right off the Great American Desert, laden with dust, leaves, weeds, rocks and once in a while a limb off a tree. And it blew twice as strong as any breeze noticed in them thar parts for the past six months.

So presently eight of the most disgusted police pistol shots in North or South America lined up to shoot their match in this hurricane. In the middle of the proceedings Jim Davis' revolver proceeded to open out the back end of the barrel at the cylinder joint like unto a funnel, attributed by amateur ballisticians to the fact that just as Jim pulled a shot, a puff of wind blew up the barrel—and something had to give way.

Anyhow the gun went hay-wire and Jim's score suffered accordingly. However, there were other details which were much more responsible for bad scores than any mere busted revolver.

And after the agony was over, with Pasadena proving the luckier or the best observers of wind puffs as they increased from the normal 30 to 50 miles per hour, the breeze gradually faded away and the day turned out one so calm that the chickens on the nearby ranch were absolutely unable to walk through the absence of the regular breeze on which they depended to hold them up.

Corbin was top-side man with 260 over the regular Perry pistol course of 25 yards slow, timed and rapid. How he did it nobody knows, but maybe the fact that he is about 5 feet 7 and weighs 200 pounds which is practically none of it fat, had something to do with it.

The same Corbin also won the individual pistol match with 258 with the police gents holding down the first ten pews, some of which is due to the fact that when a civilian shot got up the canyon leading to the rifle range he gave thanks and stayed right there until time arrived for the perilous descent.

The pistol and small-bore range being only a mile away and a half lower, it got only the play from those who didn't shoot the .30 rifle or strays who got blown off the hilltop at Montfaucon and found it easier to give up the struggle and keep going on downhill.

This was particularly easy the last day, when the wind lay at your back. All you had to do was to sit down and slide, slowing down only for curves and crossings. However, after a couple of birds set the grass on fire from the friction of their overalls the range committee ruled that this must stop or else the overalls must be greased before the trip started.

Remaining on the small-bore range for the



This is the Pasadena Police Pistol Team, winners of the California State Police Team Match

nonce, a party by the name of H. C. Wright, of Fresno, won the 50-yard re-entry with 300 and a possible. Here is a lad who is going to make a small-bore rifle shot after he gets his growth and some experience.

The iron-sight match at 50 yards went to Carl du Nah of the Pasadena Club, while Fresno took the small-bore team match, with Roberts Island, of Stockton, second and the Burbank weighers third. Fisher, of the Burbank team, lost 20 points through putting two shots on the wrong one of his own set of targets, not finding enough on one of the others and shooting the two extra for good luck. It was not, however; it was all bad.

Walter Joy took the 100-yard re-entry and J. Muntener the 100-yard any sight with 296.

The feature of the small-bore range was the ladies' match, which had four ladies in it and eleven male coaches, with Cap Hardy as

commander of the harem. Fashion note—one of 'em wore pink ones.

Up on Montfaucon W. C. Haak, of Roberts Island, won the 200-yard Small-Bore Match with 186, fired on the decimal target, with another Roberts Island sharp, Henry Ronkendorf, second. Twenty-one brothers fought through this spasm, shot the first day before Old Boreas had taken cognizance of the proceedings—that is, not much.

Also there was a Free-Rifle Match in the before-mentioned tent which surged and flapped merrily in the breeze.

Upshaw, the shark of the Burbank Club, and of the Pasadena Police Department, scored 510 in this event at 300 yards, there really being no second, although a chap named Cameron, and son of an old friend of mine in the militia, days of 18 years ago, scored 478, a good total for a young chap new to the game. Fourteen parties labored under the delusion that they could tickle triggers in this match.

The shoot being also tryout for the California State Civilian Rifle Team, included more grief with its breeze than a mere competition for medals and the like.

Due to a little atmospheric disturbance which I believe I have mentioned somewhere in this true and accurate account, some events had to be eliminated and others changed, such as shooting offhand prone.

However the "offhand match" was shot offhand, to the best of my recollection, C. G. Barthold, of Roberts Island, winning with 94 on the A target and P. D. Johnson, who enjoyed a temporarily crippled foot and got around on crutches, taking second with 92. Lot of parties thereupon inquired if it hurt much to get a foot like that and how long it ought to be done before a rifle match for the results he obtained with it. Just sixty-seven brothers shot in this match.

The same Roberts Island shark, Barthold, took down the slow-fire championship with 185, Perozzi being second.

Hard working, old reliable Les Pope, trying to run the shoot and work in a little shooting at the same time, hooked first in the rapid-fire championship at 200 and 300 with 189—shot, you will remember, in a semi-gale, and a gale entirely unlike Perry with its steady breeze. Fisher, another Burbank club man, and Kinnach, a third Burbanker, took second and third. Burbank, incidentally, is a mixture of the old Los Angeles Rifle Club, and the new live Burbank club, located in a suburb 10 miles north of Los Angeles. Also the same Les Pope won the service-rifle championship and the Governor's medal, with Fischer, of the Burbank outfit, in second niche.

The team match, with about forty entries, saw a hot fight between the various rifle clubs in California—the old north and south row over again.

When the cloud of dust finally cleared away again this Burbank-Los Angeles outfit, with Pope, Upshaw, Kinnach, Fischer, Gardner and McClure, was found on top of the heap, the course being 200 offhand, 200 rapid fire, 300 prone and 300 rapid. The Olympic Club,

(Continued on page 33)

Potting Around With a .22

By WILLIAM GENRICH

WALKING is considered one of the best forms of exercise. Some people's idea of walking for exercise is to stroll along a concrete sidewalk in a leisurely manner. Most people have their own ideas about walking, while some have none at all, but just walk anyhow. I do quite a lot of it myself, usually with a gun for a companion.

Living in a small town surrounded by cut-over country, now grown over with mostly poplar and cherry, I have an opportunity to use a gun in whatever manner I wish. I always carry one on my rambles—even have one along to keep me company on my fishing trips. Not, however, in this latter case to shoot fish with, or the other harmless denizens of the field and forest, although I do occasionally get a shot at a hawk, crow, owl, and even a coyote now and then. But having failed to see any of these does not mean that the day has been lost by any means.

As an enthusiastic exponent of the fascinating sport of snap-shooting, I find plenty of material around in the woods to be used as targets. There is no end to what can be used for targets in snap-shooting. Besides small stones and rocks, cans, coal, tomatoes, apples (if you have an orchard) and potatoes (if they are cheap), there are many other things, looked upon as useless for anything else. In my case the targets consist mostly of stones along the streams, where there are plenty of round or near-round ones, and small pieces of rock when no round stones are at hand. Stones are the easier to hit because they describe a straighter line of descent, while rocks give one an added thrill by bursting like a rocket when struck.

For guns I am at the present time using a Model 24 Remington automatic, chambered for the .22 short cartridge. This is the finest little snap-shooting gun I have ever pulled a trigger on. It just shoots and shoots as long as you pull the trigger and have a cartridge in the magazine. Malfunctions are very few. I should place them at about one in every 500 shots. One can rip out a magazine-full so d—d fast it sounds like a new straight 8 going somewhere in a hurry.

Before this gun came out I used pump actions. The first one was a Model 14 Savage, a real he-man's gun in all respects except that it quite often forgot to feed a cartridge into the barrel. I got disgusted with this and bought a 1906 Winchester, which was always right on the job as far as shooting was concerned, but had a nasty way of blowing burning powder back into my eye when doing fast aerial work with it. I got scared of this and bought the Remington, which fills the bill entirely. Of course it is rather small, and has a very straight stock, which caused me to look over the sights instead of through them. I,

however, overcame this by making a new front sight a quarter of an inch higher than the factory sight, thereby raising the line of sight and making it possible to shoot without pushing my teeth out. The front sight on this gun is just a straight vertical bar. The rear is a Marble's peep with large-size aperture. The Savage and the Winchester both have a Marble's peep with special base. This special base brings the sight way back to the comb of the stock, and when aiming the eye is almost touching the sight. This is an ideal sight for a .22-caliber rifle, though I'd hesitate about using one on a rifle with a heavy recoil. The recoil might cause the sight to injure the eye.

The reading of K. F. Lee's article in the *RIFLEMAN* some time back prompted me to try a few shots without sights, but the results were very unsatisfactory in my case. I certainly need sights in order to do good shooting. Of course, this may be because I am not as far advanced in snap-shooting as Mr. Lee.

I sometimes manage to hit a quart tomato can as many as eight times on a rise, though more often I get in only six hits, and sometimes fewer than this. It of course depends a great deal upon where the can is thrown. Four hits with the pump is not, it seems, any harder to make (when I don't get powder in my eye) than eight with the auto. Of course the auto. is quite new to me yet. Never tried a lever action for this kind of work. A stone about the size of my fist is quite often hit three times. This is the best I have ever done at this target. I sometimes fire four or five times but never get more than three hits.

This practice of shooting stones may seem dangerous, but I have been doing it for quite a long time and have as yet found no reason to believe it so as long as it is restricted to the use of .22-caliber rifles. I tried it with a .30-40 Krag once and almost lost an arm, due to a piece of stone walling me thereon. Also got a terrible wallop back of the ear once on hitting a flat piece of rock with a .22 Colt automatic pistol, but the rock was thrown too straight up overhead, and I waited too long before shooting, so was unable to dodge all of the pieces.

I tried Mr. Lee's stunt of putting a card on the end of the barrel, thereby blocking off the sights, and found that this worked well only up to a certain distance. I can hit flying objects in this way now, and used it in hunting rabbits last fall. The result was more shooting and less rabbits. I think I get the thrill out of shooting at, rather than the actual killing of, the rabbit. I never shoot a rabbit unless he is running, and the dog sees to it that they are kept running. Miss one through my own error of judgment in aiming, and I am perfectly satisfied; but miss one because I forgot to load the gun or pushed the peep

out of position, and I cuss like a trooper for an hour.

A stunt of mine is to make balls out of pulp and use them for targets. They are very light and make dandy targets for aerial work, except in a wind. I also throw them into the water and attempt to hit them on the jump. I shoot just under them to make them jump, and then try to hit them with a second shot before they get back to the water. Empty cartridge boxes can be used for this, also. I find that if I wait until they are just about to hit the water, and pull off the second shot without aiming, a hit can sometimes be made. The reason is that two shots can be put into almost the same spot without aiming the second one.

In shooting at flying targets I keep my eye on the target and throw the sights into line with, and just under, the target, wait for the target to fall onto the sight, and then pull. If the target is thrown far out I pull with the sights slightly under it. The allowance depends upon the distance and the weight of the target. Shooting at objects (sometimes snowballs) thrown over a barn or other building from the opposite side makes interesting sport. The thrower can put spice into the game by throwing where you are least expecting it. Snowballs thrown straight at one from a distance are quite easy to hit. The thrower should be near something to duck behind, for safety's sake.

Snap-shooting with a pistol or revolver, while slightly more difficult, is none the less interesting. Perhaps I should not say more difficult, since it is only on the very small targets like marbles or moth balls that the rifle has much of an advantage. On a bet I sometimes toss up a stone about the size of a pea, and by being very careful in tossing it I can as a rule win the bet, when using a rifle. I have had very little success on targets of this size with the revolver and pistol, though, and have just about given this up and decided to stick to targets of more generous proportions.

When I first took up aerial work with the short arm I began by using the same method I pursue in rifle work; that is, keeping my eye on the target and swinging the sights into line with it. I found it rather difficult to get my sights into line, however, so proceeded by lining up the sights first, and then swinging onto the target. This worked much better. Also I find that by keeping the arm slightly bent, thereby getting the gun closer to the eye, it is much easier to find and line up the sights than by straightening out the arm.

For one-hand guns I use a .22-caliber Colt auto. and a .22-caliber Colt single-action. Also for diversity I have several Colts of larger caliber. The .22's are, however, my favorites for potting around; especially the single-action. This, by the way, was made by altering a .45 single-action. It has a 7½-inch barrel, and is a real he-man's gun in both weight and size.



Conducted by L. Q. Bradley

Big Doings By Home-Range Experts

By C. S. LANDIS

RUMOR has it that two Scotchmen were out poaching when one saw a ring-necked pheasant 100 yards away in a field. He whispered, "Ho Mac, let's slip him a pill."

Mac looked up at the sky, judged the 20-mile wind, got down on his knees and estimated the mirage, then shook his head. "No," said Mac, "I can't afford to! If I should miss it would cost me tuppence. I'll tell you what we'll do, let's come back after 5:30 when there is no wind and no mirage and then we'll get him the first shot."

And so was born, by stern economic necessity, the first home-range expert—the original 100 per cent shooter—the man who can not afford to take a chance. Nothing but 10's!

This year the N. R. A. has put on the finest program of home-range matches ever compiled at National Headquarters. More contestants have entered than ever assembled under one top since Barnum (I mean Noah) drove the elephants into the Ark.

And the program: This reminds one of Pat and Mike who were listening to a sermon on the text, "And all men were created according to the same image." At last Pat reached over and nudged Mike and said, "That's all right for us Irish, but how about the Swedes and the Eyetalianians?"

Everyone, including the specialists, were taken care of this year, as the N. R. A. booklet of outdoor rifle and pistol matches lists fifty-one different high-power, small-bore rifle and pistol competitions, including four of the very popular two-man team matches. You and your Buddy were, or should have been in. The shooter could enter the type of competitions in which he is most expert and to which his equipment and range facilities are best suited.

May 1 saw the opening of hostilities with impatient land seekers, trying to crowd the wire a month before. For the first time for many years space is not available in the RIFLEMAN to print the scores in complete detail, including the roster of the gentlemen who neglect the all-important little detail of returning their targets if they happen to score less than 99.7 per cent. However, as much space is being allotted as is usually given to the scores in the important National Match Competitions.

For the benefit of the many readers who lack intimate acquaintance with rifle- and pistol-shooters of Camp Perry and Sea Girt

accomplishment, we will try to give a condensed account of the major wins or honors amassed by the high men and the well-known entrants in the more important matches of this series. The best guarantee of the success of future N. R. A. home-range matches is the yearly entry of the maximum number of nationally known match shooters, backed up by a stony-faced umpire in the home office, who will promptly investigate wild scores turned in by unknown shooters who may not have learned that 100 yards is 300 feet.

While occasional scores in the postal matches may appear unusually high, competitors well



Walter Kelsey, winner of Individual Small-Bore Championship. In addition to winning the Individual Championship and the 50-yard Individual Match in this season's competitions, Kelsey won the 50-foot Prone Match in 1928 with 130 consecutive 10's. He was also a shooting member of the Dewar Team in 1926

COMING EVENTS

(N. R. A. State Secretaries, the Secretaries of State Rifle Associations, N. R. A. Club Secretaries, and others interested are requested to notify the N. R. A. of any matches—Coming Events—that it is desired to announce in this column. Name and class of the competition, place and date should be given.)

Seventeenth Biennial Rifle Tournament of the Central Sharpshooters' Union, Forest Park Range, Davenport, Iowa, August 20-23.

Annual Tournament of the United Services of New England, Wakefield, Mass., August 10-18, inclusive.

SCHEDULE—N. R. A. CAMP PERRY MATCHES

Match	Date Fired—Sept.
Leech	Monday 2
Rapid-Fire Championship	Monday 2
Wimbledon	Tuesday 3
Wright	Tuesday 3
Members'	Tuesday 3
Navy	Tuesday 3
Camp Perry Instructors'	Tuesday 3
Marine Corps	Wednesday 4
Scott	Wednesday 4
Civilian Club Members'	Wednesday 4
600-Yard Any Rifle	Wednesday 4
Crowell	Thursday 5
President's	Thursday 5
Chemical Warfare	Thursday 5
A. E. F. Rumanian	Friday 6
Civilian Interclub	Friday 6
Championship Regimental	Friday 6
Fort Clinton	Friday 6
Enlisted Men's Team	Friday 6
Herrick	Saturday 7
Infantry	Saturday 7
N. R. A. Pistol Team Match	Saturday 7

The usual Camp Perry Small-Bore Single-Entry and Small-Bore Team Matches are programmed the week of September 2-7.

NOTE—Re-Entry High-Power, Small-Bore, and Pistol Matches, as well as "Skido" Unlimited Matches, are programmed as in the past.

appreciate that such scores are only accepted after a thorough investigation.

Bulletin No. 1 issued June 11, covers results in a 200-yard prone match on the 200-yard International Target which contains a 10-ring exactly 1.81 inches in diameter. A 20-shot score of 180 is good shooting on this, but 108 entries took a chance, and as the smoke cleared away, D. E. Starks, of Greybull, Wyo., with a 52 Winchester and Tackhole was out in front with a score of 197; 17 shots out of 20 in a 10-ring of this size (less than 2.7 inches) would be exceptional shooting at just half the distance. At the 200-yard range Mr. Stark's score is nothing short of phenomenal.

However, a careful investigation following the furnishing of an official match certificate signed by the competitor, his judge, and two witnesses, convinced the N. R. A. that all conditions of the match had been faithfully complied with, and this score was therefore accepted.

Chief Keotah, of Oklahoma City, Okla., a Camp Perry veteran, and V. S. Thayer, of Readsboro, Vt., who is known to RIFLEMAN readers, tied for second and third with 186. C. E. Nordhus and A. K. Friedrich were other well-known match shots to land in the first 10. Twenty-two-caliber rifles did surprisingly well in this competition, which was open to the .30-caliber Springfield or any other rifle.

Bulletin No. 2 covered the 200-Yard Offhand match. Any rifle, any sights. The hip rest position was not allowed; a target with 10-inch bull's-eye.

E. J. Allen, of Geneseo, Kans., shooting a .30 Springfield, made the only possible and was the winner. He also took fifth place in the preceding match. Richard Throssel, of Billings, Mont., fired a heavy-barreled Spring-

field and hand-loaded ammunition to take second with 99. Chief Keotah was third with 97. Ninety-two took tenth place.

Of the 74 entries, very few have a match reputation as offhand shooters. It is unfortunate that no more of our well-known offhand experts shoot in this competition.

Bulletin No. 3 covers the Tyro Slow-Fire Pistol Match, consisting of 40 shots at 25 yards on the 50-yard Standard American pistol target. This is a soft match—in fact, probably the easiest on the whole program.

C. T. Burgett, of Raton, N. Mex., which is out where the kids still cut their teeth on .45's, was the winner with 396, an average of 99. He shot a Colt Automatic and two makes of ammunition. W. H. Grinnell and A. R. Tripp each had 391.

Bulletin No. 4 covered the Slow-Fire Pistol Match, 40 shots at 50 yards, any pistol or revolver. This was won by G. A. Marshall, of the Portland, Oreg., Police Team, who is a well-known Camp Perry veteran. Mr. Marshall took third place in the .22 Slow-Fire Pistol Match at Perry last year. The first seven shooters averaged 90 per cent or better. There were entries from the Canal Zone, Hawaii and one from Samoa. This Samoa happens to be in California, however.

The Timed-Fire Pistol Match, 59 entries, was also won by Mr. Marshall by the fine score of 394. C. W. Wild, of Jamesville, Iowa, was second.

Next we come to the first of the Small-Bore Rifle Matches—the Tyro Individual 50-Yard Match, 40 shots, any .22 small-bore rifle, but metallic sights. There were 236 entries, the largest total ever received by the N. R. A. in a home-range match. This shows splendid interest in small-bore shooting on the part of new shooters and is an excellent indication of the increase of popularity of the .22. Paul B. Hudson, of Kittanning, Pa., won with a straight score of 400. D. E. Starks, of Wyoming, who had the very high score in the 200-Yard Prone Match, was second with 398. Two 397's followed. Young Bradford Wiles, who in spite of his youth is a real Sea Girt veteran, had 396, a remarkable score for such a youngster. There were 20 totals of 390 or better, and 43 scores of 385 or higher. The names are practically all new in the small-bore game.

In the Tyro 100-Yard Match, Charles C. Harner, of Butler, Pa., was the winner with 397. D. E. Starks had 396; Charles Baukin, of Elgin, Ill., 395, followed by 31 scores of 380 or better, while the first six topped 390. One of the encouraging features of the 119 entries in this match and 236 in the 50-Yard Tyro was that more than 90 per cent of the first 50 men in each competition used high-grade target rifles of the most popular manufacture, which shows that they have started off properly equipped.

The 50-Yard Small-Bore Spring Championship, consisting of 40 shots at 50 yards on the .89-inch 10-ring, any small-bore rifle and any sights, developed a great many high scores. Out of the 130 entries the first 52 totaled 392

or better, which is 98 per cent, and the first 26 scored 99 per cent, 396 or higher. There were three possibilities in this match, so that the winner was determined on the basis of total X's. Walter Kelsey, of Tarrytown, N. Y., who had 36 X's to go with his possible 400, outranked both D. E. Starks and H. H. Jacobs, each of whom turned in 34 and 31 X possibilities, respectively. Kelsey is one of the best-known small-bore shooters in the East, while Jacobs, who hails from Dayton, Ohio, enjoys a similar reputation in Ohio and parts thereabouts. There were eight 399's and six scores of 398, all of which were ranked as per N. R. A. tie rules.

Tack-Hole Lee took the 100-Yard Small-Bore Spring Championship with 400 x 400. Kelsey was one down. Jerry Gebby was third with 398 and Lawrence Wilkens, who took third place in the National Small-Bore Championship at Camp Perry last year and was second in the Dewar, finished fourth with 398. A large number of well-known match shots were listed in the first 20; 38 out of 116 entries scored 390 or better.

The Individual Small-Bore Spring Championship, the most important small-bore rifle match on the program, was won by Walter Kelsey, of the Outers' Club, of Mount Vernon, N. Y., with 799. Tack-Hole Lee was second with one less. Lawrence Wilkens, the young Ohio shooter mentioned before, took third. Jacobs was fourth. Henry Gussman, of New Haven, scored 793, which is mighty fine for an octogenarian. Henry comes close to being the Dad Farr of the small-bore game, the difference being that he makes a great many fine scores nearly every season. Henry won the Small-Bore Wimbledon in 1926, and seems to get better as he goes along.

It is interesting to note that this year at least half of the first 10 men in the championship won matches at Perry or Sea Girt during the last few years.

Probably not every reader of the RIFLEMAN realizes how difficult it is for a comparatively new man to win a place among the first 10 or 20 in an important small-bore competition. In the scope-sight Grand Aggregate Match at Sea Girt in 1927 only one unknown shooter landed in the first 25. Incidentally a 99 per cent average has won the Sea Girt Grand Aggregate every year but one. Consequently when a man shoots 98 or 99 per cent in the Home-Range Grand Aggregate Championship he is shooting just as well as the best at Sea Girt or Perry and is at the top of his form. In this year's spring championship 11 men scored 99 per cent or better. Twenty-three of them scored 98 per cent or better and 34 scored 97 per cent or higher, for 40 shots at 50 and at 100 yards.

The detailed results as given in these columns should prove interesting reading and should be the means of increased entries in future N. R. A. postal matches.

Official bulletins covering results of all matches constituting the first half of the N. R. A. Spring-Summer Program follow:

BULLETIN NO. 1—JUNE 11

200-YARD PRONE MATCH—108 ENTRIES

Conditions—20 shots prone, 200 yards; any rifle; any sights; 200-yard International target. To the winner a gold medal; to the high competitor using the small-bore rifle, provided he is not the winner, a silver medal; bronze medals to the next nine high competitors; 3 tyro medals.

Name and address	Score
1. D. E. Starks, Greybull, Wyo.*	197
2. Chieftain Keotah, Oklahoma City, Okla.*	186
3. S. Thayer, Reidsboro, Va.*	186
4. W. G. Jones, Jacksonville, Fla.*	185
5. E. J. Allen, Geneseo, Kans.	184
6. C. E. Nordhus, Highland Park, Ill.*	184
7. A. K. Friedrich, Ames, Iowa.	183
8. L. J. Vanderbundt, Antioch, Calif.	179
9. J. W. Garrett, No. Plainfield, N. J.*	176
10. S. L. Carter, Colliers, W. Va.*	176
11. J. C. Fritz, State College, Pa.	175
12. J. F. Woolhinger, Castorland, N. Y.	174
13. W. H. Delbruegge, Pend. Ore.*	173
14. A. R. Bodenschatz, San Jose, Calif.	171
15. R. W. Hawthorne, Elgin, Ill.	167
16. B. V. Edworthy, Tulsa, Okla.*	167
17. Clarence B. Tarr, Carmel, Calif.	166
18. M. G. Lytic, Richmond, Calif.	164
19. Leonard L. McGee, Turlock, Calif.	164
20. R. F. Ruggles, Everett, Mass.	162
21. R. R. Kelchner, Reading, Pa.	161
22. Gordon M. Jacobs, Hornbrook, Calif.	159
23. Gordon Z. Smith, Bridgeport, Conn.	157
24. Leland Crystal, Tremont, Utah.	156
25. Robert W. Larke, Highland Park, Ill.*	154
26. E. C. Moore, Washington, D. C.	152
27. T. Mullen, Chanute, Kans.	151
28. C. L. Newkirk, Grand Rapids, Mich.	151
29. Olat Grovold, Minneapolis, Minn.	150
30. G. Wallick, Elkhart, Ind.	149
31. W. J. Mealia, Bridgeport, Conn.	148
32. W. T. Parker, Roundup, Mont.	148
33. Leo H. Snell, Los Angeles, Calif.	145
34. George W. Teter, Fairplay, Colo.	140
35. John Freitag, Chicago, Ill.	136
36. R. S. Connors, St. Francis, Me.	133
37. Harry Taylor, Tremont, Utah.	131
38. C. E. Steffen, Tremont, Utah.	126
39. O. D. Lewis, Hartford, Conn.	125
40. C. A. Crittenden, Hoytville, Utah.	125
41. C. L. Pfeiffer, Collingswood, N. J.	121
42. J. C. Petersen, Joliet, Ill.	120
43. Earl L. Kreuter, Marion, Kans.	119
44. G. W. Penney, Stacyville, Iowa.	112
45. Dr. A. J. Olson, Long Beach, Calif.	110
46. Albert Wehinger, Monroe, Wis.	98
47. W. C. Bevard, Fowler, Colo.	95
48. L. E. Auster, New York City, N. Y.	90
49. Bert M. Vander Steen, Kohler, Wis.	89
50. Dan Taylor, Tremont, Utah.	63
51. John Strock, Rock Springs, Wyo.	20

SCORE SHEET OR CERTIFICATE NOT RETURNED

52. Milo E. Vannetter, Detroit, Mich.
53. Edward Moser, Woodburn, Ind.
54. Bernt M. J. Alstad, Lavina, Mont.

UNABLE TO SHOOT

55. John J. Rahm, Oakley, Calif.
56. E. M. Kidder, Ayer, Mass.
57. G. E. Cooper, Des Moines, Iowa.
58. L. W. Davis, Gallion, Ohio.
59 not reported.

*Used telescopic sights.

BULLETIN NO. 2—JUNE 11

200-YARD OFFHAND MATCH—74 ENTRIES

Conditions—20 shots slow fire standing, sling in parade position, hip rest not permitted; any rifle; any sight; target A. To the winner a gold medal; second a silver medal; third to tenth, bronze medals; 3 tyro medals.

Name and address	Score
1. E. J. Allen, Geneseo, Kans.	100
2. Richard Throssel, Billings, Mont.	99
3. Chieftain Keotah, Oklahoma City, Okla.	97
4. T. J. Girkout, Gatun, C. Z.	96
5. Chester A. Dority, Toledo, Ohio.	94
6. N. S. Thayer, Jacksonville, Fla.	94
7. B. R. Dean, Madera, Calif.	93
8. A. R. Bodenschatz, San Jose, Calif.	93
9. T. T. McClure, Santa Monica, Calif.	93
10. H. P. Pearson, Winchester, Oreg.	92
11. Sgt. G. W. Sears, Jacksonville, Fla.	92
12. C. E. Nordhus, Highland Park, Ill.	92
13. S. A. Mitchell, Casper, Wyo.	91
14. Steve Pearson, Winchester, Oreg.	90
15. J. F. Cline, Madera, Calif.	90
16. Nick Limpach, Solon Springs, Wis.	90
17. Karl Krauthaim, Honolulu, T. H.	90
18. A. J. Ludwig, Madera, Calif.	88
19. W. G. Jones, Jacksonville, Fla.	88
20. S. W. Petty, Madera, Calif.	87
21. Earl Naramore, Bridgeport, Conn.	87
22. Sgt. J. A. Johnson, Jacksonville, Fla.	87
23. Fred Moore, Cascade, Md.	87
24. Lt. F. M. Whiddon, Jacksonville, Fla.	86
25. Sgt. L. V. Jackson, Jacksonville, Fla.	86
26. G. G. Cooper, Des Moines, Iowa.	85
27. W. G. Mealia, Bridgeport, Conn.	85
28. Gordon Z. Smith, Bridgeport, Conn.	84
29. Fred Johansen, Joliet, Ill.	84
30. Merrill M. Flood, Lincoln, Nebr.	83
31. William Frasier, Rhinelander, Wis.	83
32. G. W. Moore, Buffalo, N. Y.	83
33. Sgt. S. B. Kitchen, Jacksonville, Fla.	83

34. Kenneth W. Wright, Chanute, Kans.	82
35. E. M. Kipper, Ayer, Mass.	82
36. Archie J. Bell, Worland, Wyo.	81
37. George F. Ream, Wilkes-Barre, Pa.	81
38. Bert M. Vander Steen, Kohler, Wis.	81
39. Robert W. Larke, Highland Park, Ill.	78
40. John E. Winegard, Columbiana, Ohio.	78
41. Louis E. Auster, New York City, N. Y.	73
42. A. G. Nelson, Jr., Chanute, Kans.	58

DISQUALIFIED—DID NOT FIRE ON TARGET A

43. W. T. Parker, Roundup, Mont.

UNABLE TO SHOOT

44. John J. Rahm, Oakley, Calif.
 45. G. W. Benvie, Hatch, N. Mex.
 46. Emil J. Koby, Fort Adams, R. I.
 47. C. L. Newkirk, Grand Rapids, Mich.
 27 not reported.

BULLETIN NO. 3—JUNE 11

TYRO SLOW-FIRE PISTOL MATCH—133 ENTRIES

Conditions—40 shots slow fire, 25 yards; 50-yard Standard American pistol target; any pistol or revolver; strictly open sights; any ammunition. To the winner a sterling-silver medal; second to tenth, bronze medals; percentage medals to all scoring 320 or better.

Name and address	Score
1. C. T. Burgett, Raton, N. Mex.	396
2. W. H. Grinnell, Danvers, Mass.	391
3. A. R. Tripp, Leesville, Ohio.	391
4. V. M. Stevenson, Brownsville, Tex.	390
5. H. Stutsman, Dayton, Ohio.	387
6. F. B. Armstrong, Brownsville, Tex.	386
7. D. E. Starks, Greylburg, Wyo.	385
8. Herbert L. Smith, Girard, Ohio.	385
9. Ernest R. Snider, Foster, Ohio.	384
10. Charles W. Conrad, St. Louis, Mo.	383
11. J. L. Stearns, Jr., Kingston, Pa.	382
12. Dean M. Earl, Nickerson, Kans.	382
13. R. E. Rainsberger, Uhrichsville, Ohio.	380
14. H. A. T. Harris, Westfield, N. J.	380
15. E. C. Moore, Washington, D. C.	379
16. Carl Douhan, Worcester, Mass.	378
17. W. E. Carroll, Los Angeles, Calif.	378
18. Roy E. Funk, Gardfield, N. Mex.	378
19. Tom Warwick, Hamilton, Ohio.	377
20. Philip E. Beach, Rye, N. Y.	377
21. W. G. Roeck, Clayton, Mo.	374
22. Carl G. Kelsay, Jefferson City, Mo.	374
23. Allen Pripps, Culver, Ind.	374
24. H. D. Leonard, W. Brownsville, Pa.	374
25. S. A. Gabrysh, Ashley, Pa.	373
26. Arlayne Brown, St. Louis, Mo.	372
27. M. R. McBride, Monroe, Mich.	372
28. W. R. Glaagov, Jr., Culver, Ind.	371
29. J. L. Dunlavy, Moscow, Idaho.	368
30. H. C. Denegar, Asbury Park, N. J.	367
31. F. A. Duffner, Watertown, S. Dak.	367
32. H. G. Whidden, Fort Humphreys, Va.	366
33. Ray M. Smith, Selingsgrove, Pa.	366
34. A. J. Dornisch, St. Marys, Pa.	366
35. R. J. E. Madero, Culver, Ind.	364
36. C. E. Hein, Salem, Oreg.	363
37. Joseph F. Whren, Tyrone, Pa.	363
38. L. T. Vandegrift, Monroe, Mich.	361
39. H. G. Enterline, Connelville, Pa.	361
40. Alfred P. Benke, Culver, Ind.	360
41. Harry E. Horr, Seattle, Wash.	360
42. R. E. Halverson, Lyons, Neb.	359
43. Claud L. Sitterly, Culver, Ind.	358
44. Robert W. Towne, Ames, Iowa.	355
45. Edward Kent, Dayton, Ohio.	352
46. Richard M. Andrews, Culver, Ind.	351
47. John Pogreba, Fort Humphreys, Va.	343
48. H. E. Purge, Fort Humphreys, Va.	342
49. Howard N. Smith, Oak Park, Ill.	340
50. K. A. Kansen, Fort Humphreys, Va.	340
51. F. L. James, Prescott, Ariz.	335
52. Willis M. Aiken, Jamestown, N. Y.	334
53. Sgt. A. Turner, Fort Humphreys, Va.	333
54. A. E. Michaelson, Zumbrota, Minn.	331
55. Sgt. C. L. Harris, Fort Humphreys, Va.	330
56. H. J. Smith, Fort Humphreys, Va.	330
57. Sheldon Viles, Northfield, Vt.	330
58. Lt. D. A. Newcomer, Fort Humphreys, Va.	329
59. Andrew L. Brush, Coscob, Conn.	327
60. Leonard L. McGee, Turlock, Calif.	325
61. W. C. Wolf, Fort Humphreys, Va.	325
62. Richard W. Bullock, Northfield, Vt.	324
63. Raymond Schlorf, Chicago, Ill.	324
64. Dr. A. J. Olson, Long Beach, Calif.	320
65. Frank Akin, Fort Humphreys, Va.	319
66. Arthur E. Bowman, Los Angeles, Calif.	317
67. Leon H. Jacobs, Mansfield, La.	312
68. Oswald D. Lewis, Hartford, Conn.	305
69. O. E. Carburgh, McCallsburg, Pa.	296
70. Edwin J. Novak, Chicago, Ill.	295
71. W. Grillo, Dayton, Ohio.	295
72. Carl V. Finch, Chicago, Ill.	283
73. Max R. Prill, New York City, N. Y.	258

DID NOT SHOOT—CERTIFICATE RETURNED

74. G. K. Beckett, Hamilton, Ohio.
 75. J. Harvey Brown, Las Vegas, N. Mex.

UNABLE TO SHOOT

76. H. A. Wheeler, Berlin, N. H.

57 not reported.

BULLETIN NO. 4—JUNE 11

SLOW-FIRE PISTOL MATCH—45 ENTRIES

Conditions—40 shots slow fire, 50 yards; 50-yard Standard American pistol target; any pistol or revolver; strictly open sights. To the winner,

a sterling-silver medal; bronze medals to the next 9 high competitors.

Name and address	Score
1. G. A. Marshall, Portland, Oreg.	379
2. Chester A. Dority, Toledo, Ohio.	378
3. Oscar T. Peterson, Jamestown, N. Y.	374
4. J. W. Aitken, Overly, N. Dak.	366
5. M. C. Engel, Luther, Okla.	364
6. Willis M. Aiken, Jamestown, N. Y.	364
7. G. A. Hughes, Youngstown, Ohio.	361
8. L. P. Clubine, Aurora, Iowa.	351
9. Crawford R. Buell, Samon, Calif.	348
10. E. C. Moore, Washington, D. C.	343
11. H. D. Leonard, W. Brownsville, Pa.	343
12. C. S. Landis, Wilmington, Del.	341
13. Carl J. Barry, Elgin, Ill.	338
14. Howard Fashbaugh, Monroe, Mich.	335
15. J. L. Stearns, Jr., State College, Pa.	335
16. C. D. Wild, Janesville, Iowa.	332
17. A. E. Hertzler, Halstead, Kans.	329
18. Jim Barlow, Halstead, Kans.	329
19. R. Z. Kirkpatrick, Balboa Heights, C. Z.	326
20. Harry E. Horr, Seattle, Wash.	325
21. R. E. Rainsberger, Uhrichsville, Ohio.	325
22. Karl Krauthelm, Honolulu, Hawaii.	312
23. David Armitage, Philadelphia, Pa.	311
24. B. V. Edworthy, Tulsa, Okla.	304
25. P. Norman Bretz, Carlisle, Pa.	289
26. Milo E. Vannetter, Detroit, Mich.	287
27. H. A. Foster, Manistee, Mich.	282
28. W. F. Gillette, Grosse Farms, Mich.	251

DISQUALIFIED—SCORE SHEET NOT FILLED IN

29. Arthur J. Bergauer, Flushing, L. I., N. Y.

16 did not report.

BULLETIN NO. 5—JUNE 11

TIMED-FIRE PISTOL MATCH—59 ENTRIES

Conditions—40 shots for record fired in 5-shot strings at 25 yards; 50-yard Standard American target for rapid fire at 25 yards; any pistol or revolver; strictly open sights. To the winner, a sterling-silver medal; second to tenth, bronze medals.

Name and address	Score
1. G. A. Marshall, Portland, Oreg.	394
2. C. D. Wild, Janesville, Iowa.	385
3. J. W. Aitken, Overly, N. Dak.	383
4. Carl J. Barry, Elgin, Ill.	380
5. F. B. Armstrong, Brownsville, Tex.	378
6. R. Z. Kirkpatrick, Balboa Heights, C. Z.	377
7. H. M. Webster, Hartford, Conn.	376
8. Jim Barlow, Halstead, Kans.	376
9. Harry E. Horr, Seattle, Wash.	375
10. E. D. Moore, Washington, D. C.	374
11. K. W. Wright, Chanute, Kans.	373
12. L. P. Clubine, Aurora, Iowa.	372
13. Howard Fashbaugh, Monroe, Mich.	372
14. G. A. Hughes, Youngstown, Ohio.	371
15. C. R. Buell, Samon, Calif.	368
16. J. Stearns, Jr., State College, Pa.	368
17. W. M. Aiken, Jamestown, N. Y.	367
18. R. J. H. Madero, Culver, Ind.	366
19. A. E. Hertzler, Halstead, Kans.	364
20. Philip E. Beach, Rye, N. Y.	361
21. M. R. McBride, Monroe, Mich.	360
22. P. Norman Bretz, Carlisle, Pa.	358
23. Allen Pripps, Culver, Ind.	355
24. Richard B. McGee, Turlock, Calif.	351
25. Leonard L. McGee, Turlock, Calif.	348
26. Karl Krauthelm, Honolulu, T. H.	344
27. Alfred P. Benke, Culver, Ind.	344
28. Howard N. Smith, Oak Park, Ill.	343
29. Hobart H. Todd, Culver, Ind.	343
30. Claud L. Sitterly, Culver, Ind.	343
31. Byron Weiss, Culver, Ind.	335
32. W. S. Gibson, Merced, Mass.	335
33. Richard M. Andrews, Culver, Ind.	330
34. David Armitage, Philadelphia, Pa.	319
35. A. H. Jackson, Princeton, N. J.	303
36. W. R. Glasgow, Culver, Ind.	299

23 did not report.

BULLETIN NO. 6—JUNE 12

TYRO INDIVIDUAL 50-YARD MATCH—236 ENTRIES

Conditions—40 shots for record at 50 yards, prone; any 22 rifle; metallic sights; N. R. A. of 50-yard target. To the winner, a sterling-silver medal; second to tenth, bronze medals; percentage medals to all scoring 360 or better.

Name and address	Score
1. Paul B. Hudson, Kittanning, Pa.	400
2. D. E. Starks, Greylburg, Wyo.	398
3. C. T. Burgett, Raton, N. Mex.	397
4. Charles A. Dority, Elgin, Ill.	397
5. Bradford Wiles, Chicago, Ill.	396
6. F. L. Ross, Jr., Eightyfour, Pa.	396
7. John Harness, Dinuba, Calif.	395
8. A. L. Knight, Fort Worth, Tex.	394
9. Leonard L. McGee, Turlock, Calif.	394
10. Edwin Anderson, Des Moines, Iowa.	394
11. E. H. Wilson, Chicago, Ill.	394
12. Andrew Berg, Des Moines, Iowa.	393
13. J. F. Cline, Madera, Calif.	393
14. Joe Fitz, Des Moines, Iowa.	392
15. J. C. Bernier, Selma, Calif.	392
16. L. A. Vonderachser, Los Angeles, Calif.	391
17. Edwin Wier, Ann Arbor, Mich.	391
18. B. J. Wallace, Clymer, N. Y.	390
19. Dr. B. P. Ederer, Morris, Minn.	390
20. J. E. Runyon, Plainfield, N. J.	389
21. C. H. Howell, Roswell, N. Mex.	389
22. J. W. Garrett, N. Plainfield, N. J.	389
23. Fletcher, 24th Inf., Fort Benning, Ga.	389
24. Elbert F. Rice, Jerome, Idaho.	388
25. Tom Warwick, Hamilton, Ohio.	388

26. B. F. Leonard, Roswell, N. Mex.	388
27. James W. Wing, Ann Arbor, Mich.	388
28. B. R. Dean, Madera, Calif.	388
29. Charles C. Harner, Butler, Pa.	387
30. A. W. Henn, Bopon, Wash.	387
31. R. H. Davis, Selma, Calif.	387
32. W. O. Ricks, Fort Worth, Tex.	387
32a. A. R. Tripp, Leesville, Ohio.	387
33. Carl V. Finch, Chicago, Ill.	386
34. Herman C. Graf, Ann Arbor, Mich.	386
35. Bradford, 24th Inf., Fort Benning, Ga.	386
36. C. E. Hein, Salem, Oreg.	386
37. J. James, Crockett, Calif.	386
38. Edwin J. Novak, Chicago, Ill.	385
39. J. T. Davis, Youngstown, Ohio.	385
40. Lt. C. B. Davidson, Jacksonville, Fla.	385
41. J. E. Winegard, Columbiana, Ohio.	385
42. R. C. Pope, Dallas, Tex.	385
43. H. D. Smith, Girard, Ohio.	385
44. Carter Reeves, Jr., Roswell, N. Mex.	384
45. William Mitchell, Jamestown, N. Y.	384
46. H. W. Strecker, St. Louis, Mo.	383
47. R. A. Wilder, W. Somerville, Mass.	383
48. L. D. Marsh, Wichita, Kans.	383
49. Charles R. Dent, Charleston, W. Va.	383
50. J. P. Leonard, Avon, Conn.	383
51. A. J. Ludwig, Madera, Calif.	382
52. E. Hougendobler, Jerome, Idaho.	382
53. W. J. Schneider, Jr., Covington, Ky.	382
54. H. E. Robbins, Crockett, Calif.	382
55. Roy E. Funk, Gardfield, N. Mex.	382
56. John J. Gerdes, New Rochelle, N. Y.	382
57. J. R. Tinsler, Lorain, Ohio.	382
58. Lee Edwards, Bridgeport, Conn.	382
59. H. C. Koehling, Mount Vernon, N. Y.	382
60. H. G. Worley, Long Beach, Calif.	382
61. Oliver Click, Geneseo, Kans.	381
62. W. Frasier, Rhineclander, Wis.	381
63. Frank D. West, Des Moines, Iowa.	381
64. Harry Gartell, Leavenworth, Kan.	380
65. Edgar Youngman, Des Moines, Iowa.	380
66. G. G. Cooper, Des Moines, Iowa.	380
67. Harry J. Black, Des Moines, Iowa.	380
68. Harry Altenbern, Lena, Ill.	380
69. Warren H. Brown, Chetopa, Ill.	380
70. E. F. Efinger, Thief River Falls, Minn.	380
71. A. G. Nelson, Jr., Chanute, Kans.	379
72. S. Barnett, Franklin, Ind.	379
73. G. Walter, Muskego Heights, Mich.	379
74. W. H. Stephens, Crockett, Calif.	378
75. O. M. F. Nelson, Crockett, Calif.	378
76. L. J. Moore, Cascade, Md.	378
77. Omer K. Wright, Des Moines, Iowa.	378
78. L. C. Messenger, Mukilteo, Wash.	378
79. Amos Churchill, Fort Dodge, Iowa.	378
80. Rohoe Klumb, Joplin, Mo.	377
81. R. H. Herron, Logansport, Ind.	377
82. Harold Johnson, Des Moines, Iowa.	377
83. Charles K. Clark, Honolulu, Hawaii.	377
84. John J. Theodore, Mount Vernon, N. Y.	377
85. H. R. Carney, Kenna, W. Va.	376
86. Charles C. Sodi, Des Moines, Iowa.	376
87. H. E. Bauman, Sidney, Neb.	375
88. P. R. Davis, Fort Crockett, Calif.	375
89. Baugh, 24th Inf., Fort Benning, Ga.	375
90. Howard Nairn, Mukilteo, Wash.	374
91. J. A. Chase, Delagua, Colo.	374
92. E. C. Moore, Washington, D. C.	374
93. H. Rodgers, Hartford, Conn.	374
94. Herman J. Welch, Joplin, Mo.	373
95. Jennings, 24th Inf., Fort Benning, Ga.	373
96. S. W. Petty, Madera, Calif.	373
97. C. Herzog, Hartford, River Falls, Minn.	373
98. M. Virkler, Castorland, N. Y.	373
99. R. E. Hines, Charleston, W. Va.	373
100. W. R. Robie, Crockett, Calif.	372
101. T. Spuhler, Crockett, Calif.	372
102. C. F. McCormick, Frederick, Okla.	370
103. H. B. Cole, Moline, Ill.	370
104. J. C. Petersen, Joliet, Ill.	369
105. G. Prime, Hartford, River Falls, Minn.	368
106. L. N. Masterson, Wilton Junction, Iowa.	368
107. M. L. Parkison, Joplin, Mo.	367
108. John G. Lenz, Baltimore, Md.	367
109. R. A. Wolcott, Crockett, Calif.	367
110. Ernest B. Vaile, Mount Vernon, N. Y.	367
111. Earl C. Evans, Pocatello, Idaho.	367
112. W. D. Webster, Temple, Tex.	366
113. K. B. Welch, Joplin, Mo.	365
114. Arthur Stacy, Hudson, N. Y.	364
115. A. H. King, Hartford, Conn.	364
116. Karl J. Frisch, San Francisco, Calif.	364
117. W. D. Forbes, Des Moines, Iowa.	364
118. Jesse R. Barnes, Baltimore, Md.	363
119. Geo. W. Lutz, Ann Arbor, Mich.	363
120. E. C. Hannan, Hartford, Conn.	363
121. Leland V. Miller, Denver, Colo.	362
122. John J. Rahm, Oakley, Calif.	361
123. H. J. Heckett, Sr., Mount Vernon, N. Y.	361
124. Dr. A. J. Olson, Long Beach, Calif.	361
125. J. K. Kaptan, Crockett, Calif.	361
126. G. E. Andrews, Des Moines, Iowa.	360
127. Lawrence Hunt, Moline, Ill.	360
128. Frank Gittelson, Baltimore, Md.	355
129. Paul V. Witt, Mount Vernon, N. Y.	354
130. Selma Kemp, San Antonio, Tex.	353
131. Martin Fast, Crockett, Calif.	353
132. John Esterday, Sherradville, Ohio.	353
133. Frank E. Carter, Concord, N. H.	352
134. W. C. Shield, Crockett, Calif.	352
135. John G. Moore, Norfolk, Neb.	348
136. G. J. La Londe, Bay City, Mich.	346
137. Zelma F. Turner, San Antonio, Tex.	344
138. G. F. Boardman, Hartford, Conn.	342
139. Frank Daly, New York City, N. Y.	340
140. Paul Jameson, Plymouth, Calif.	337
141. H. O. Denegar, Asbury Park, N. J.	329
142. C. L. Simmons, La Porte, Colo.	316
143. Elwood Proctor, Elm City, N. C.	306
144. R. M. Blackman, Waterloo, Iowa.	298

388	145. W. D. Ricks, Fort Worth, Tex.	297
388	146. Amos Hamburger, Hartford, Conn.	297
388	147. Stanley G. Sands, Newburgh, N. Y.	284
387	148. B. M. Vander Steen, Kohler, Wis.	283
387	149. Arthur O. Hagen, Northwood, N. Dak.	277
387	150. C. A. Crittenden, Hoytsville, Utah	249
387	151. M. L. D. Smith, Fort Worth, Tex.	244
387	152. Hamilton Judy, El Cajon, Calif.	169
386	153. Ludvig Ribich, Redore, Minn.	160

DISQUALIFIED—USED TELESCOPIC SIGHTS

386	154. Charles Howe, Woodbridge, N. J.	392
386	155. Gene Farren, Houston, Tex.	386

385	DISQUALIFIED—CERTIFICATE NOT PROPERLY EXECUTED	
385	156. Wm. McK. Howell, Franklin, Ind.	386

DISQUALIFIED—CERTIFICATE NOT RETURNED

385	157. E. E. Conner, Jerome, Idaho.	
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DISQUALIFIED—FIRED ONLY FIVE SHOTS ON EACH TARGET

384	158. William Cundiff, Akron, Ohio.	
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DID NOT SHOOT—TARGETS RETURNED

383	159. Otelo Ottman, Greenville, Ohio.	
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383	160. B. B. Rivera, Chicago, Ill.	
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382	161. R. W. Hawthorne, Elgin, Ill.	
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382	162. Walter Hering, Hales Corners, Wis.	
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382	163. H. H. Hartman, Frankfort, Kans.	
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382	164. George Willette, Morris, Minn.	
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72 did not report.

BULLETIN NO. 7—JUNE 12

TWO INDIVIDUAL 100-YARD MATCH—119 ENTRIES

381	Conditions—40 shots for record at 100 yards, prone; any 22 rifle; any sights; N. R. A. official 100-yard target. To the winner, a sterling-silver medal; second to tenth, bronze medals; percentage medals to all scoring 360 or better.	
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380	Name and address	Score
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380	1. Charles C. Harmer, Butler, Pa.	397
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380	2. D. E. Starke, Greylburg, Wyo.	396
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380	3. Charles Baukin, Elgin, Ill.	394
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379	4. A. L. Knight, Fort Worth, Tex.	393
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379	5. H. G. Worley, Long Beach, Calif.	392
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379	6. L. A. Vonderscheer, Los Angeles, Calif.	391
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378	7. Leonard L. McGee, Turlock, Calif.	388
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378	7a. Bradford Wiles, Chicago, Ill.	390
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378	8. John Harness, Dinuba, Calif.	388
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378	9. Andrew Berg, Des Moines, Iowa	388
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378	10. Baugh, 24th Inf., Fort Benning, Ga.	388
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377	11. Edwin Anderson, Des Moines, Iowa	388
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377	12. Harry Gartrell, Leesville, Ohio	387
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377	13. A. E. Tripp, Leesville, Ohio	387
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377	14. J. E. Runyon, Plainfield, N. J.	386
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377	15. E. H. Wilson, Chicago, Ill.	386
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376	16. J. W. Garrett, N. Plainfield, N. J.	386
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376	17. Bradford, 24th Inf., Fort Benning, Ga.	384
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376	18. R. C. Farry, Walnutport, Pa.	384
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375	19. L. D. Marsh, Wichita, Kans.	384
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375	20. J. W. Woolley, Hastings, Colo.	384
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375	21. Fletcher, 124th Inf., Fort Benning, Ga.	384
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374	22. Lynn Bentley, Falconer, N. Y.	383
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374	23. E. M. Hoskinson, Lincoln, Neb.	383
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374	24. E. F. Rice, Jerome, Idaho.	383
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373	25. Carl V. Finch, Chicago, Ill.	382
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373	26. R. B. Ederer, Morris, Minn.	382
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373	27. R. H. Davis, Selma, Calif.	382
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373	28. C. F. McCormick, Frederick, Okla.	382
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373	29. L. S. Nickerson, Cambridge, Mass.	382
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372	30. Edwin J. Novak, Chicago, Ill.	380
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372	31. William Mitchell, Jamestown, N. Y.	380
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372	32. J. P. Leonard, Hartford, Conn.	379
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370	33. A. W. Henn, Rockport, Wash.	379
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370	34. G. G. Cooper, Des Moines, Iowa	379
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369	35. John Easterday, Sherrodsville, Ohio	379
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369	36. George Willette, Morris, Minn.	378
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369	37. Herbert D. Smith, Girard, Ohio	378
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368	38. J. T. Davis, Youngstown, Ohio	378
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368	39. R. B. Champlin, Lexington, Va.	377
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367	40. Mrs. F. E. Smith, Tulsa, Okla.	377
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367	41. John M. Limpach, Solon Springs, Wis.	377
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367	42. J. A. Chase, Delagua, Colo.	377
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366	43. William Cundiff, Akron, Ohio	376
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365	44. Floyd L. Holloway, Townsend, Mont.	376
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365	45. Lt. C. B. Davidson, Jacksonville, Fla.	376
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364	46. Lee Edwards, Bridgeport, Conn.	376
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364	47. C. H. Howell, Roswell, N. Mex.	375
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364	48. J. C. Bernier, Selma, Calif.	374
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363	49. M. I. Crosby, Sausalito, Calif.	374
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363	50. H. Guy Lovern, Lancaster, Mass.	374
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363	51. E. Hougenobler, Jerome, Idaho	374
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362	52. Harry Altenbern, Lena, Ill.	373
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362	53. Roy E. Funk, Garfield, N. Mex.	372
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361	54. J. C. Petersen, Joliet, Ill.	372
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361	55. Daniel R. Herron, Logansport, Ind.	372
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361	56a. Lawrence Hunt, Moline, Ill.	372
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360	56. Frank Gittelson, Baltimore, Md.	372
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360	57. A. H. King, Hartford, Conn.	371
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360	58. Carl V. Finch, Chicago, Ill.	371
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355	59. H. C. Koehling, Mount Vernon, N. Y.	370
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354	60. H. J. Welch, Joplin, Mo.	370
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353	61. Jennings, 24th Inf., Fort Benning, Ga.	369
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353	62. Albert Wehinger, Monroe, Wis.	369
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352	63. Earl C. Evans, Pocatello, Idaho.	368
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352	64. J. E. Winegard, Columbiana, Ohio.	367
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348	65. Paul V. Witt, Mount Vernon, N. Y.	367
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348	66. H. Rodgers, Hartford, Conn.	367
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346	67. Oliver Chick, Geneseo, Kans.	366
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344	68. Karl J. Frisch, San Francisco, Calif.	365
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342	69. O. R. Johns, Mukilteo, Wash.	365
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340	70. M. O. Talcott, Hartford, Conn.	364
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337	71. Leo N. Masterson, Wilton Junction, Iowa	364
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337	72. L. M. Virkler, Castorland, N. Y.	362
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329	73. C. O. Reeves, Jr., Roswell, N. Mex.	362
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316	74. H. J. Heckett, Sr., Mount Vernon, N. Y.	361
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361	75. H. B. Cole, Moline, Ill.	361
360	76. E. C. Moore, Washington, D. C.	360
359	77. H. E. Bauman, Sidney, Neb.	359
359	78. Roscoe Claycomb, Joplin, Mo.	359
356	79. Sgt. B. F. Leonard, Roswell, N. Mex.	356
355	80. Ernest B. Vaile, Mount Vernon, N. Y.	355
355	81. G. F. Boardman, Hartford, Conn.	355
353	82. K. B. Welch, Joplin, Mo.	353
346	83. M. L. Parkison, Joplin, Mo.	346
344	84. H. C. Denegar, Asbury Park, N. J.	344
343	85. E. C. Hannan, Hartford, Conn.	343
343	86. Kenneth Fugh, Wellsville, Calif.	343
342	87. Martin Faust, Crockett, Calif.	342
307	88. Amos Hamburger, Hartford, Conn.	307
285	89. Albert Butterworth, Highland Park, Ill.	285

382	DISQUALIFIED—USED TELESCOPIC SIGHTS	
382	90. Gene Farren, Houston, Tex.	382

384	91. Charles Howe, Woodbridge, N. J.	384
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DID NOT SHOOT—TARGETS RETURNED

382	92. Amos Churchill, Fort Dodge, Iowa.	
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384	93. H. H. Hartman, Frankfort, Kans.	
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26 did not report.

BULLETIN NO. 8—JUNE 12

50-YARD SMALL-BORE SPRING CHAMPIONSHIP—130 ENTRIES

Conditions—40 shots for record at 50 yards, prone; any 22 rifle; any sights; N. R. A. official 50-yard target. To the winner, a gold medal; to the high competitor using iron sights, a sterling-silver medal; bronze medals to the remaining nine highest competitors; 3 tyro medals, and percentage medals to all scoring 380 or better.	
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Name and address	Score
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1. Walter Kelsey, Tarrytown, N. Y.	400
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2. D. E. Starks, Greylburg, Wyo.	400
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3. H. H. Jacobs, Dayton, Ohio	400
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4. Frank E. Smith, Tulsa, Okla.	399
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5. Edson Klinkel, Toledo, Ohio	399
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6. Paul B. Hudson, Saltsburg, Pa.	399
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7. G. A. Lindgren, Lyons, Ill.	399
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8. E. H. Seyfriedt, Los Angeles, Calif.	399
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9. Lawrence Wilkens, Norwood, Ohio	399
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10. James Butterworth, Highland Park, Ill.	399
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11. E. F. Burkins, Wilmington, Del.	399
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12. G. A. Stollenberg, Omaha, Neb.	399
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13. Jerry Gebby, Bellefontaine, Ohio	398
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14. H. J. Gussman, New Haven, Conn.	398
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15. T. K. Lee, Birmingham, Ala.	398
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16. Edwin Anderson, Des Moines, Iowa	398
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17. Frank W. Rogers, New Haven, Conn.	398
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18. John Harness, Dinuba, Calif.	397
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19. M. R. Coleman, Pittsburgh, Pa.	397
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20. Russell Wiles, Chicago, Ill.	397
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21. Amos Churchill, Fort Dodge, Iowa	397
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22. C. S. Landis, Wilmington, Del.	397
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23. Thurman Randle, Fort Worth, Tex.	396
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24. V. S. Thayer, Readboro, Vt.	396
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25. Harry E. Brill, Tulsa, Okla.	396
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26. O. R. Hamer, Primghar, Iowa	396
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27. Chieftain Keotah, Oklahoma City, Okla.	395
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28. F. D. Wheeler, Chicago, Ill.	395
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29. H. F. Johansen, Chicago, Ill.	395
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30. L. P. Clubine, Aurora, Iowa	395
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31. H. J. Martin, Monterey, Calif.	395
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32. O. T. Peterson, Jamestown, N. Y.	394
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33. J. S. Burrows, Picture Rocks, Pa.	394
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34. L. C. Turner, Fort Worth, Tex.	394
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35. F. F. McDonald, Portland, Ore.	394
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36. Donald D. Mercer, Upper Darby, Pa.	394
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37. A. K. Friedrich, Ames, Iowa	394
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38. C. E. Stodter, Balboa Heights, Canal Zone	394
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39. Charles Howe, Woodbridge, N. J.	394
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40. T. R. French, Casper, Wyo.	394
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41. E. A. Craven, Selma, Calif.	393
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42. J. F. Woolblager, Cortland, N. Y.	393
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43. E. W. Koehler, Jr., Elgin, Ill.	393
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44. E. M. Kidder, Ayer, Mass.	393
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45. A. Q. Johnson, Long Beach, Calif.	393
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46. G. A. Hughes, Youngstown, Ohio	393
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47. Russell Wiles, Jr., Chicago, Ill.	392
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48. S. F. Benfer, Toledo, Ohio	392
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49. J. W. Aitken, Overly, N. Dak.	392
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50. T. J. Girkout, Gatun, Canal Zone	392
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51. Raymond Woods, Mount Carmel, Ill.	392
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85. T. J. Baugh, Fort Benning, Ga. 341
86. A. J. Bergauer, Flushing, Long Is., N. Y.* 179

DID NOT FINISH

87. Edwin Anderson, Des Moines, Iowa.
28 did not report.

* Used metallic sights.

BULLETIN NO. 10—JUNE 13

INDIVIDUAL SMALL-BORE SPRING CHAMPIONSHIP— 62 ENTRIES

Conditions—An aggregate. Score made in the 50-yard and 100-yard Spring Championship Matches constitute the score in this match. To the winner a gold medal; a sterling-silver medal to the runner-up; third to tenth, bronze medals; 3 tyro medals.

Name and address	50- yard	100- yard	Total
1. Walter Kelsey, Tarrytown, N. Y.	400	399	799
2. T. K. Lee, Birmingham, Ala.	398	400	798
3. Lawrence Wilkens, Norwood, Ohio	399	398	797
4. H. H. Jacobs, Dayton, Ohio	400	397	797
5. Jerry Gebby, Bellefontaine, Ohio	398	398	796
6. E. H. Seyfried, Los Angeles, Calif.	399	396	795
7. E. F. Burkina, James Butterworth, Highland Park, Ill.	399	397	796
8. J. Gussman, New Haven, Conn.	398	395	793
9. H. J. Martin, Monterey, Calif.	395	397	792
10. C. S. Landis, Wilmington, Del.	397	395	792
11. Frank E. Smith, Tulsa, Okla.	399	393	792
12. A. Q. Johnson, Long Beach, Calif.	398	397	790
13. G. A. Lindgren, Lyons, Ill.	399	391	790
14. John Harness, Dinuba, Calif.	397	392	789
15. Edson Kinkel, Toledo, Ohio	399	390	789
16. Chieftain Keotah, Oklahoma City, Okla.	395	393	788
17. J. W. Aitken, Overly, N. Dak.	392	385	787
18. Russell Wiles, Sr., Chicago, Ill.	397	390	787
19. Fred Johansen, Joliet, Ill.	392	393	785
20. Thomas J. Girkout, Gatun, Canal Zone	392	392	784
21. Edgar A. Craven, Selma, Calif.	393	391	794
22. J. F. Woolslager, Castorland, N. Y.	393	391	784
23. George A. Stoltenberg, Omaha, Nebr.	398	386	784
24. G. A. Hughes, Youngstown, Ohio	393	390	783
25. H. F. McDonald, Portland, Oreg.	394	389	783
26. Frank W. Rogers, New Haven, Conn.	398	385	783
27. S. F. Benfer, Toledo, Ohio	392	390	782
28. Donald D. Mercer, Upper Darby, Pa.	394	388	782
29. Harry E. Brill, Tulsa, Okla.	396	384	780
30. Russell Wiles, Jr., Chicago, Ill.	392	386	778
31. Col. C. E. Stodter, Balboa Heights, Canal Zone.	394	384	778
32. H. F. Johannsen, Chicago, Ill.	395	383	778
33. Chester A. Dority, Toledo, Ohio	390	387	777
34. Leonard L. McGee, Turlock, Calif.	391	385	776
35. Joseph L. Stearns, Jr., State College, Pa.	379	395	774
36. W. S. Gibbons, Melrose, Mass.	391	382	773
37. George P. Mosley, Llanerch, Pa.	389	381	770
38. Floyd L. Hollaway, Towansend, Mont.	384	383	767
39. Samuel L. Carter, Colliers, W. Va.	391	376	767
40. Sgt. Julius Jennings, Fort Benning, Ga.	390	376	766
41. Arthur N. Winther, Omaha, Nebr.	387	378	765
42. Capt. W. B. Wilson, Fort Benning, Ga.	379	385	764
43. Sgt. Scott Bradford, Fort Benning, Ga.	389	373	762
44. Andrew Berg, Des Moines, Iowa	390	372	762
45. Ellis Lea, Lyndon, Ky.	377	379	756
46. Sgt. B. F. Leonard, Roswell, N. Mex.	388	366	754
47. Hilda E. Meyer, Bellerose, Ohio	381	372	753
48. Corp. James Fletcher, Fort Benning, Ga.	383	363	746
49. E. J. Allen, Geneseo, Kans.	375	369	744

51. T. J. Baugh,
Fort Benning, Ga. 386 341 727
52. Amos Churchill,
Fort Dodge, Iowa 397 ... 397
53. Bradford Wiles,
Chicago, Ill. 388 ... 388

DID NOT ENTER 50- OR 100-YARD

54. Earl J. Hess, Shamrock Station, Pa.
55. Homer H. Blass, Fredonia, Kans.

7 did not report.

BULLETIN NO. 11—JUNE 13

SMALL-BORE FREE-RIFLE SPRING CHAMPIONSHIP— 29 ENTRIES

Conditions—20 shots for record in each of three positions—prone, kneeling, and standing—at 100 yards; any .22 rifle; set triggers, palm rest, and Schuetzen butt plates permitted; metallic sights; N. R. A. official 100-yard international target. To the winner a gold medal; a sterling-silver medal to the runner-up; third to tenth, bronze medals; percentage medals to all scoring 480 or better.

Name and address	Score
1. E. J. Allen, Geneseo, Kans.	550
2. D. E. Starks, Greybull, Wyo.	536
3. Dr. B. J. Ochaner, Durango, Colo.	533
4. J. Butterworth, Highland Park, Ill.	530
5. D. D. Mercer, Upper Darby, Pa.	523
6. E. M. Newcomb, Southern Pines, N. C.	507
7. A. K. Friedrich, Ames, Iowa	504
8. J. L. Stearns, Jr., Kingston, Pa.	500
9. Earl Naramore, Bridgeport, Conn.	497
10. Edson Kinkel, Toledo, Ohio	491
11. Ralph E. Haines, E. Akron, Ohio	490
12. Harvey King, Cleveland, Ohio	487
13. Earl H. Harris, Santa Cruz, Calif.	486
14. E. M. Kidder, Ayer, Mass.	481
15. Vere Hamer, Primghar, Iowa	471
16. P. F. Kittredge, North Adams, Mass.	468
17. Howard G. Keene, W. Medford, Mass.	453
18. J. F. Woolslager, Castorland, N. Y.	446
19. Walter C. King, Jonesboro, Ind.	302

DISQUALIFIED—CERTIFICATE NOT RETURNED

20. T. T. McClure, Santa Monica, Calif.

DID NOT SHOOT—TARGETS RETURNED

21. G. A. Lindgren, Lyons, Ill.

NOT REPORTED

22. Henry Adams, Jr., Stanford University, Calif.

23. S. F. Benfer, Toledo, Ohio.

24. L. P. Clubine, Aurora, Iowa.

25. R. E. Rutledge, Chattanooga, Tenn.

26. Harold Archambault, Derby, Conn.

27. Col. C. E. Stodter, Balboa Heights, Canal Zone.

28. Steve Pearson, Winchester, Oreg.

29. H. F. Pearson, Winchester, Oreg.

ROCHESTER SPLITS DOUBLE-HEADER WITH CANADIANS

Reprint from the Rochester Times-Union

TWELVE crack shots from Toronto, members of the Irish Rifle Club, succeeded in taking the Miller Trophy Match from the Contingent Rifle Club of Rochester, after the Rochester Club had carried off the honors in the preliminary Thompson Trophy shoot, at the Contingent Club's range in West Rush.

Capt. James J. Phillips, O. R. C., executive officer of the match, turned in a stellar performance by making a perfect score of ten bull's-eyes on two nonconvertible-sighter shots, at a 600-yard range. L. E. Gates, of the Rochester Club, had the highest score in the Thompson Trophy Match, with 148 out of a possible 150.

The Canadian team arrived in Rochester Saturday and was guest of the Contingent Rifle Club at its clubhouse, set on one of the highest hills in that part of the county among some 50 acres of woods and hills. Members of the club have begun a reforestation program and plan to set out 10,000 pine and spruce trees on the club property. Visitors and members of the Rochester club were guests at a dinner last evening, after which the Canadians were taken to Summerville, where they boarded the boat for Toronto.

Yesterday's match constituted the first half of the shoot for the year for both trophies, and the second half will take place in Toronto next September. The aggregate score for both shoots will determine the final winners.

SEA GIRT FALL TOURNAMENT AUG. 31 - SEPT. 3

AS WE go to press, a letter from Gen. Bird W. Spencer, Executive Officer, New Jersey State Rifle Association, advises that the Annual Sea Girt Interstate Tournament will be held at Sea Girt, N. J., August 31 to September 3, inclusive.

The matches to be fired include the Dryden, the Sea Girt Championship, the Libbey, Hayes, Meany, and the Interstate and Intra-State Team Matches. There will also be programmed both small-bore and shotgun matches.

Although, as in past years, dates of the Sea Girt fall shoot conflict with the three-week period of National Matches, announcement of the New Jersey State Matches will come as good news to shooters in the East who can not get to Camp Perry this year.

Anyone wishing a program of the Sea Girt Matches may obtain a copy by writing Brig. Gen. Bird W. Spencer, Sea Girt, N. J.

HOOSIER RIFLE CLUB WINS INDIANA STATE CHAMPIONSHIP

From The Indianapolis News

IN ONE of the biggest and most hotly contested championship matches held in years by the Indiana State Rifle Association, the Hoosier Rifle Club Team won the State Rifle Championship over teams from all parts of the State in the two-day shoot held at the Armory in Indianapolis, April 27 and 28. The victory was by one point, 986 to 985, over the team from the Culver Military Academy, which seemed to have the title sewed up in the bag from the start.

Twenty-five teams were entered in the contest, with the rosters containing the names of some of the best shots in the State. More than 200 marksmen were entered in the team and individual contests for both pistol and rifle.

First place in the pistol team championship event went to the Culver team with 406, and the Hoosier Rifle Club Team took second place with 391.

George Hayden, of the Culver team, took the State title in the individual rifle contest with 100 plus ten extra bulls. S. Galbraith, of the same squad, was runner-up with 200 plus two extra bulls.

INDIVIDUAL RIFLE SHOOT

Hayden also took first place in the individual rifle offhand contest with a score of 179. J. Wagner, of the Culver team, and M. Snyder, of the Warsaw National Guard contingent, each had scores of 170 in a tie for the runner-up place.

In the Individual Pistol Championship Match, .45 caliber, with a possible 100, H. Obenauf and Lieut. Colo. M. Henley tied for first place with scores of 98 each. Obenauf took first place in the shoot-off. Maj. Per Ramey was third with 97.

Pete Golden, of the Hoosier Rifle Club Team, won the Individual Pistol Championship, .22-caliber arm, with a score of 94. O. Stamper, of the Kosciusko team, landed the runner-up place with a score of 93, and W. Lewis placed third with 91.

Trophies, medals and cash prizes were awarded the winners and place men in all the events on the program. It is the consensus of opinion of all the riflemen entered in the matches that this year's event was the best ever staged.

JAMES E. TERRY 1867-1929

TARGETS have been half-masted for Jim Terry.

Shortly before the recent Eastern Small-Bore Tournament, Charley Johnson and a few friends made their last trip with Jim to a grass-covered spot in a cemetery in northern Philadelphia.

After Terry's strong comeback of 1927 it was hoped that he would recover from the lung infection, which the year before had nearly sapped his strength. A gain in weight and energy allowed him to shoot unusually well in the Sea Girt and Camp Perry small-bore matches of that year; in fact, he had his best records at the age of 60.

In 1927 Jim was high man in Class B in the Preliminary Dewar, won a prize in the Individual Long Range, took third in the Small-Bore Wimbledon, and was a valued shooting member of the Eastern team in the East-West Small-Bore Team Match.

For many years Terry was in charge of the gun department of Murta, Appleton & Co., a large sporting goods store in Philadelphia, and then held the same position for Cline & Co., of Williamsport, one of the largest dealers in central Pennsylvania. He was a highly regarded member of the Frankford Arsenal Rifle Club, of Philadelphia, and to any man "Old Jim Terry" was a friend.

So long Jim, may all your shots be 10's.

C. S. LANDIS.

CHALLENGES

J. F. ENGERT OF HERKIMER, N. Y., issues a challenge to anyone in the United States for an all-around match with rifle, pistol and shotgun. Course as follows:

.22-caliber rifle (Dewar); Army D course (Service rifle); .22-caliber pistol (N. R. A. outdoor pistol match course); 50 or 100 birds, 15 yards; or can omit trap-shooting and substitute Army pistol qualification course or anything similar.

HOWARD CUVISTON, 175 LITTLETON ST., WEST LAFAYETTE, IND., challenges two-man Krag teams to a match of 20 shots prone, metallic sights, at 200 yards.

INTERNATIONAL TEAM CONTRIBUTIONS

Amount of contributions previously received..	\$164.00
Charles C. Foster, Cambridge, Mass.....	20.00
C. H. Jurgens, Oakland, Calif.....	5.00
H. S. Howard, Orlando, Calif.....	5.00
I. Woolson Clark, Montclair, N. J.....	5.00
H. M. Van Sleen, Gastonia, N. C.....	5.00
Clarence Alther, Bronx, New York City.....	5.00
Earl C. Evans, Pocatello Idaho.....	5.00
Dan Sramek, Chicago, Ill.....	5.00
Arthur P. Phillips, Boxford, Mass.....	5.00

Charles H. Chapman, Pleasantville, N. Y.....	5.00
The Kalamazoo Revolver Club, Kalamazoo, Mich.....	5.00
Alvin Swanson, Pawtucket, R. I.....	3.00
Walter Strand, Skagway, Alaska.....	3.00
Bert Bugden, Kibbie, Mich.....	2.50
Riley M. Diener, Elkhart, Ind.....	2.00
Arthur P. Beard, Omaha, Neb.....	2.00
S. T. Dively, Altoona, Pa.....	2.00
Walter Van Curen, Estacada, Oreg.....	2.00
E. D. Seymour, Westfield, N. J.....	2.00
H. A. Weymouth, Salt Lake City, Utah.....	2.00
John Irwin, Colorado Springs, Colo.....	2.00
Lawrence W. Wright, New York City.....	2.00
G. G. Cooper, Des Moines, Iowa.....	1.00
John Jonken, Holland City, Mich.....	1.00
Joseph E. Frisque, Yakima, Wash.....	1.00
J. Fred Thomas, Sharon, Pa.....	1.00
Raymond F. Caffrey, Lawrence, Mass.....	1.00
Edward L. Eich, Rochester, N. Y.....	1.00
C. C. Werminghausen, Brooklyn, N. Y.....	1.00
Edgar E. Hamilton.....	1.00
W. L. Montgomery, Avinger, Tex.....	1.00
Dr. Malcom Dean Miller, Akron, Ohio.....	2.00
J. Vincil Stone, Seattle, Wash.....	5.00
Edgar W. Davis, Cambridge, Mass.....	2.00
Ben Ziesman, Tyatville, Wyo.....	2.00
Soren Hansen, Racine, Wis.....	1.00
E. C. Bacon, Medina, N. Y.....	1.00

Total..... \$280.00

WESTRIC STILL LEADING THE PACK

ADDING more than nine points to its score in the last month, the Westric Rifle Club, of Chicago, is away out in front in the American Rifleman Trophy Match; but the runner-up, Morris Rifle Club, of Morris, Minn., is slowly gaining, having pushed the East End Rod and Gun Club, of Pittsburgh, out of second place by piling up 30 points in the past month. The Morris Club is going after the prize in dead earnest, it seems, having hung up a total score of 110 points in two months. California is working hard to win one or both of the trophies for her native sons. Four California clubs are numbered among the high ten and occupy fourth, fifth, eighth, and ninth places, respectively. Two clubs among the high ten hail from Minnesota, and the rest are scattered about the country.

There are now 111 clubs entered in this "shootin' match." The match does not end until December 31, 1929, at which time two handsome silver loving cups and other prizes will be awarded the organizations with the highest number of points. These points are given for new members, subscriptions, and Postal Match entries submitted on the special blanks provided for this purpose. Clubs may enter at any time during 1929, entry being made by the club secretary. There is no entrance fee in this "dry-shootin'" match, and National Headquarters will be glad to send further information and entry blanks to any interested club. Newly organized clubs have found this match a splendid aid in getting on their feet and interesting the men in their community in the work of the club.

National Headquarters is ready to help all clubs entered in the match in every way possible by means of information, circulars, entry blanks, etc. The match is little more than half over. The highest club has 161½ points; the lowest only 3. Every club affiliated with the N. R. A. has a chance to win one of the trophies by whole-hearted co-operation among club members and peppy, persevering work.

Standing of the leading clubs follows:

1. Westric Rifle Club.....	161½
2. Morris Rifle Club.....	115
3. East End Rod and Gun Club.....	105
4. Burbank Rifle and Revolver Club.....	85

5. Lincoln Rifle and Revolver Club.....	81
6. Rippowam Rifle and Gun Club.....	73
7. Junior Mechanics' Rifle and Pistol Club.....	64
8. Golden Gate Rifle and Pistol Club.....	59
9. Ogilvie Rifle Club.....	56
10. Loveland Rifle Club.....	56
11. Sterling Rifle Club.....	52

KANSAS GETS THE JUMP ON OTHER STATES

THE Kansas State Rifle Association has for the past several years been one of the most active and aggressive organizations of its kind holding an N. R. A. charter. Civilian riflemen in Kansas have no more ready cash than shooters in other States, so their live-wire State Association, with the assistance of the Adjutant General of the State, has had the following piece of legislation enacted to assist in sending up to the National Rifle Matches every year a civilian rifle team, which will come close to representing the best rifle-shooting talent in the State.

The House and Senate in Kansas and the Governor of the State deserve the highest commendation from rifle-shooters all over the country for their patriotic and broad-minded attitude in approving this law. Without affecting the State treasury to an extent which will be noticed in the slightest degree by the taxpayers, this law will prove of material assistance to the cause of small-arms shooting in the State of Kansas and will give to the shooting game in that State a prestige which will prove invaluable in its further advancement.

The bill follows:

KANSAS

House Bill No. 181.....	R. Ex.
Chapter 61.....	Law of 1929

For the purpose of aiding in defraying and paying the expenses of an annual civilian rifle team competition.

An Act to aid in defraying expenses of organizing, training and selecting civilian rifle teams to represent Kansas at the annual National Rifle Association shoots, and making appropriation therefor.

Be it enacted by the Legislature of the State of Kansas: Section 1. That the State shall pay annually, beginning from and after the passage of this act, to the Adjutant General of this State the sum of \$500 for the purpose of aiding in defraying and paying the expenses of an annual civilian rifle team competition and tryout for places on the rifle team selected to represent Kansas at the annual shoots held by the National Rifle Association, and of selecting members of such teams.

Sec. 2. The Adjutant General shall disburse the allowance provided above in accordance with such rules and regulations as he shall promulgate in payment of actual expenses incurred in maintaining and equipping a shooting range and grounds and equipment therefor, and in transporting competitors and range officers and assistants to and from the shooting grounds, and in furnishing mess at the shooting grounds and providing and keeping proper records, and for postage, telegrams and telephone messages necessary in organizing the annual State competitions and notifying contestants

therefor and for equipment for the team selected, upon the filing of proper vouchers therefor.

Sec. 3. That there is hereby appropriated, out of any funds in the State treasury not otherwise appropriated, for the balance of the fiscal year ending June 30, 1929, the sum of \$500, and for the fiscal year ending June 30, 1930, the sum of \$500, and for the fiscal year ending June 30, 1931, the sum of \$500, all said sums to be paid to the Adjutant General of this State, as and for the purpose hereinabove provided.

Sec. 4. That the auditor of the State is hereby authorized to draw his warrant upon the treasurer of the State for the amounts specified in Section 3 of this act upon duly itemized and verified voucher approved by the Adjutant General.

Sec. 5. That this act shall take effect and be in force from and after its publication in the official State paper.

Approved March 16, 1929.

Published in official State paper March 19, 1929.

THERE'S LIFE IN THE OLD DOG YET

CHARLES ASKINS' "Reflections" in the June number awaken responsive chords in many bosoms. There are many of us well past the half-century mark, whom the younger generations regard as back numbers, but who are yet unwilling to be laid on the shelf. Perhaps the eyes need glasses, the muscles may be a little stiff, the senses not so quick as thirty years back; but the will, the energy, the guts are still there.

Football, baseball and tennis may be ancient memories; but we can say with old Leatherstocking, "I can squint along a clouded barrel yet." (And that's a good motto for and older.) We can take the wallop of a Springfield, throw a handgun, stand behind a progressive scatter-gun load.

We can catch fish, handle a boat, ride a horse and drive an auto.

Life holds a lot for us yet. We can look forward to the coming years with hope and enthusiasm, and back to the past with happy memories.

When the time comes to depart to the Happy Hunting Grounds, let us be able to say, with Kipling's "Tramp-Royal":

Gawd bless this world. Whatever she 'ath done—
Except when awful long—I've found it good.
So write before I die, "I liked it all."

CHARLES H. CHAPMAN.

Pleasantville, N. Y.

CANADIANS MAKING RAPID STRIDES IN .22 GAME

FROM a flat-footed start some fifteen months ago up to June of this year the Canadian National Railway had grown from a scattered few unorganized riflemen to over 240 competing against each other for system honors. This information comes to us from Mr. W. H. Kilby, director of recreation for this big transportation system. It was he who directed the movement that brought a team of his fellow workers into the second International Railway Dewar

last year. They averaged 370.3 in this their first effort; but with the hard work they have been putting in in the past several months much better figures may be looked for in this year's event. Mr. Kilby writes that they are now organized from Halifax to Prince Rupert—a distance of over 4,000 miles. Two points on the lines shot throughout the past winter out-of-doors; sometimes when it was fifteen below zero! And the targets were good, according to Mr. Kilby. Listed among their many clubs are several composed entirely of ladies, proving that the bug has been active in more ways than one.

Kilby's pioneering should bring out a list of candidates for the International that will make the railroad riflemen from England and the U. S. A. look to their laurels or else—!

HERE'S AN IDEA FOR YOU

THE Spokane Chapter of the Izaak Walton League of America is a very live organization and has recently tried out a new idea looking toward the keeping of the League before the eyes of the public.

Five forms, one of which is quoted below, are being printed gratis for the I. W. L. A. by the printing trades of the city of Spokane and in turn are put out in packages by the merchants. One large bread-baking company, for example, is putting these within the bread wrappers of every loaf of bread:

Make a better America
and
better Americans.
Join

The Izaak Walton League of America
President Hoover, Honorary President
Total Cost, \$3; and you get a year's subscription to *Outdoor America*.

There are no salaries.

Write 812 Paulsen Building, Spokane, or
Phone the Secretary, Main 3355.

Some live-wire club is going to adopt this same idea to increase their membership and local interest in their club.

The phrase used by the Spokane Chapter of the Izaak Walton League, "There are no salaries," of course refers to the activities of the local chapter, as the national organization of the Izaak Walton League is set up in much the same way as our own national organization, with a headquarters staff, who are, of course, paid salaries to keep the organization together and to expand it.

MISSOURI STATE RIFLE AND PISTOL MATCHES

By E. E. DITTBRENNER

THE 6th Infantry and the St. Louis Police Department won most of the honors at the Missouri State Rifle and Pistol Matches held at Columbia, May 10 and 11. The former have now won three times the Open Team and the Service Team Championships, and therefore have become permanent owners of these cups. They also have the first leg on the Tyro Team Championship.

The St. Louis Police Department left with most of the pistol honors, taking the Police

Team, Open Team, Free-Pistol Team, and Heavy-Caliber Team Championships and cups with them, besides numerous individual championships.

Of the civilian group, the Glendale Shooting Club left with the Civilian Club Team Championship and trophy and a great many individual championships. Few other civilian clubs were well represented.

Only Kemper Military School was fully represented with a team, of the three military schools in the State. Wentworth was represented by a few individuals, this team being held up by other activities at the school.

A feature of the pistol-shooting was the winning of third place in the Tyro Individual Championship by Miss Arlayne Brown, of St. Louis, age 12; placed well up in the top few. It should be of interest to know that she got her third place in a tie, the tie being decided by her shooting at the longest range.

In the individual matches there were some surprising occurrences. C. J. Hitch, a youngster from Kemper, won second place in the Free-Rifle Match. Beecher, from the Glendale and Kirkwood Clubs, of St. Louis vicinity, won all the first places there were open to him, being equally proficient with the small-bore and .30-caliber. He borrowed Hall's rifle with telescope sight to shoot in the Governor's match and won with the same score Hall won last year, 222. These scores are not very high. It appears that the International target is a tricky affair after shooting on the regulation A target.

Let us not leave the subject of matches without making some reference to the weather. In the spring of 1927, the fall of 1927, the spring of 1928 and this year, 1929, we had almost continual rain before and after the matches. Without exception we had the only two days' good weather in these periods. It seems that the Lord of Hosts is with us yet.

On Friday evening, May 10, the annual meeting of the Association was held, for the election of the Directors of the Association.

Plans for the coming year were discussed and the president directed to appoint committees to look after promotion work in the various groups: Civilians, National Guard Reserves, Regular Army and Police Departments.

Programs and publicity will be out much earlier next year, to avoid conflicting dates which many organizations had incurred this year. There is no doubt but that the Association is well on its way to a successful program in the next few years.

Our new president is a young business man from Mexico, having made his mark in a manufacturing concern there and being part owner. He comes well recommended by a record of successful business experience.

Our first vice president is a captain in the Regular Army service, being one of the R. O. T. C. instructors at the University of Missouri. He directed and co-ordinated the best-run matches outside of Perry this year, and is well qualified to hold his office.

Mr. Hall, the second vice president, is a

young man who has established and is running his own business in St. Louis, and other parts of the United States. We are proud to name him as one of our officers.

Lieutenant Bosch, third vice president, is one of St. Louis' police lieutenants in charge of marksmanship training in the St. Louis Police Department. He has been a consistent supporter of the Association since its organization and has brought to us the solid backing of the St. Louis Police Department. He knows what it takes to make things go.

The secretary, Mr. Dittbrenner, is a civil engineer, employed in the Highway Department, with headquarters in Jefferson City, one of the few who organized the Association in 1927 and was its president. He retired gracefully to serve as secretary-treasurer of the Association when it was incorporated in 1928. He has run, and been run, by organizations of this kind all his life and has ample experience to take care of the job.

Last, but not by any means least, we owe a mighty vote of thanks to Col. M. C. Kerth, commandant of the R. O. T. C. at the University of Missouri, who turned over the entire personnel at his command to run the matches for us, to the same personnel for running the matches and to Captain Parker for planning and directing the matches in the manner in which he did.

To the competitors who came and saw and conquered, our congratulations; to those who came only to see, our thanks for making it possible to have the matches. We will have something better for you next year and hope to see you there again.

Winners and high scorers in the most important matches follow:

RIFLE MATCHES—30 CALIBER

OPEN-TEAM CHAMPIONSHIP

1. 6th U. S. Infantry:	Score
Lay, Walter	136
Spikes, Carl	127
Kurtz, J. E.	127
Uloth, B.	126

Total 516

2. Glendale Shooting Club	497
3. El Caney Meuse Post, No. 1145, V. F. W.	484
4. University of Missouri	479
5. Jefferson City Rifle and Pistol Club	472

CIVILIAN CLUB TEAM CHAMPIONSHIP

1. Glendale Shooting Club	Score
2. Jefferson City Rifle and Pistol Club	472

TYRO TEAM CHAMPIONSHIP

1. 6th U. S. Infantry, Jefferson Barracks:	Score
Kurtz, J. E.	95
Cook, C. B.	94
Lee, R. E.	93
Bennett, Thos.	90

Total 372

2. Glendale Shooting Club, Kirkwood	349
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OPEN INDIVIDUAL CHAMPIONSHIP (Course: Same as Open-Team Match)

1. Lay, Walter	Score
2. Bennett, Thos.	132
3. Beecher, S. L.	128
4. Cook, C. B.	128
5. Spikes, Carl	127
6. Hall, Sydnor	127
7. Kurtz, J. E.	127
8. Uloth, B.	126
9. Beyer, Curt E., Jr.	126
10. Kelsey, Carl G.	122

INDIVIDUAL CIVILIAN CHAMPIONSHIP (Course: Same as Open-Team Match)

1. Beecher, S. L.	Score
2. Hall, Sydnor	127
3. Beyer, Curt	126
4. Linns, W. C.	123
5. Kelsey, C. G.	122

6. Dittbrenner, E. E.	121
7. Abbott, C. L.	116
8. Love, Wm. T.	113
9. Rhodus, H. J.	104
10. Strecker, H. W.	70

INDIVIDUAL INTERCOLLEGIATE CHAMPIONSHIP (Course: Same as Open-Team Match)

1. Vavra, E. R.	Score
2. Taylor, R. H.	129
3. Staub, L. G.	118
4. Turner, Jack	111
5. Moore, R. D.	110

INDIVIDUAL JUNIOR CHAMPIONSHIP (Course: Same as Open-Team Match)

1. Bauer, Karl	Score
2. Concannon, M. K.	118
3. Moore, R. D.	110

TYRO INDIVIDUAL CHAMPIONSHIP (Course: Same as Tyro Team)

1. Kelsey, Carl G.	Score
2. Kurtz, J. E.	95
3. Cook, C. B.	94
4. Lee, Robt. E.	93
5. Hugel, Rudolph	91
6. Turner, Jack	90
7. Bennett, Thos.	90
8. Connor, W. C.	89
9. Rhodus, H. J.	88
10. Bauer, Karl	87

FREE-RIFLE CHAMPIONSHIP (Course: 20 shots offhand, 200 yards, any rifle)

1. Beecher, S. L.	Score
2. Hitch, C. J.	86
3. Lay, Walter	85
4. Bennett, Thos.	85
5. Cook, C. B.	85
6. Collins, O. B.	84
7. Hall, Sydnor	83
8. Powell, H. C.	83
9. Dilworth, B. G.	83
10. Spikes, Carl	82
11. Zuppann, L.	82
12. Sashley, L. R.	81
13. Roepke, W. G.	81
14. Uloth, B.	80
15. Lee, Robt. E.	80

GOVERNOR'S MATCH

(Course: 10 shots each, prone, kneeling, standing; 300 yards; International target)

1. Beecher, S. L.	Score
2. Vavra, E. R.	222
3. Hall, Sydnor	214
4. Beyer, Curt	209
5. Dittbrenner, E. E.	203
6. Hugel, Rudolph	198
7. King, R. V.	194
8. Lee, Robt. E.	192
9. Kelsey, C. G.	188
10. Turner, Jack	185

SMALL-BORE RIFLE MATCHES

DEWAR TEAM CHAMPIONSHIP (Dewar course)

Kemper Military School, Boonville	Score
University of Missouri	1,520
Four Musketeers (U. of Mo.)	1,506
Glendale Shooting Club (Kirkwood)	1,489
	1,470

SENIOR INDIVIDUAL DEWAR CHAMPIONSHIP

1. Beecher, S. L.	Score
2. Noland, G. L.	389
3. Collins, O. B.	387
4. Castoel, C. J.	385
5. Brett, T. W.	384
6. King, R. V.	383
7. McGuire, A. J.	381
8. Beyer, Curt	381
9. Penniston, S.	376
10. Powell, H. C.	375

JUNIOR INDIVIDUAL DEWAR MATCH

1. McGuire, A. J.	Score
2. Dilworth, B. G.	388
3. Denny, M. V.	377
4. Bauer, Karl	374
5. Reding, W. L.	363
6. Concannon, M. K.	353
	349

STATE SMALL-BORE CHAMPIONSHIP

(Course: 10 shots each, prone, sitting, kneeling, and standing, 200 yards, A Target)

1. Beecher, S. L.	Score
2. Collins, O. B.	184
3. Hitch, C. J.	183
4. Staub, L. G.	183
5. Noland, G. L.	183
6. Castoel, J. C.	182
7. Vavra, E. R.	182
8. Powell, H. C.	181
9. Winston, W. O.	181
10. McGuire, A. J.	179

WOMEN'S INDIVIDUAL CHAMPIONSHIP (Course: Same as Dewar Team Match)

1. Gaither, Cosinne	Score
2. Meyer, Hilda	369
3. Hinchaw, Dorothy	368
4. Linns, Isabel	358
	351

PISTOL MATCHES

OPEN-TEAM CHAMPIONSHIP (National Match Pistol Course)

St. Louis Police Department:	Score
Yanick, O.	270
Evans, F.	267
Hill, T.	259
Hallett, C.	254
Stubitz, F.	246
Total	1,296
University of Missouri	1,282

POLICE PISTOL TEAM CHAMPIONSHIP (Camp Perry Police Course)

St. Louis Police Department:	Score
Hill, T.	279
Yanick, O.	276
Evans, F.	274
Hallett, C.	267
Stubitz, F.	261
Total	1,357
Kansas City Police Department	1,216

FREE-PISTOL TEAM CHAMPIONSHIP (Course: 50 yards; 20 shots slow fire)

St. Louis Police Department:	Score
Hill, T.	169
Stubitz, F.	164
Hallett, C.	162
Evans, F.	162
Yanick, O.	158
Total	815
University of Missouri	815
Kansas City Police Department	783

HEAVY-CALIBER TEAM CHAMPIONSHIP (Course: Same as Open Team)

St. Louis Police Department:	Score
Yanick, O.	262
Hill, T.	255
Hallett, C.	252
Evans, F.	251
Brocksmith	247
Total	1,267
Hdq. Battery, 128th Field Artillery	1,154
Kansas City Police Department	1,079

R. O. T. C. INDIVIDUAL CHAMPIONSHIP (Course: Same as Open-Team Match)

1. Elson, J. W.	Score
2. Courtney, C. R.	264
3. Noland, G. L.	247
4. Moore, R. D.	246
	219

INDIVIDUAL HEAVY-CALIBER CHAMPIONSHIP (Course: Same as Open-Team Match)

1. Yanick, O.	Score
2. Bosch, J., Jr.	262
3. Hill, T.	255
4. Noland, G. L.	253
5. Hallett, C. M.	252
6. Evans, F.	251
7. Stubitz, F.	250
8. Brocksmith, R.	247
9. La Tour, O.	247
10. Mathkins, F.	243

TYRO INDIVIDUAL CHAMPIONSHIP

1. Brocksmith, R.	Score
2. Lee, O.	192
3. Brown, Miss Arlayne	191
4. Roepke, W. G.	188
5. Heilman, J. A., Jr.	188
6. Matkin, Frank	188
7. La Tour, Aug.	186
8. Stubitz, F.	186
9. Kindl, Nick	186
10. Hall, Sydnor	184
11. Goerree, John	184

INDIVIDUAL FREE-PISTOL CHAMPIONSHIP (Course: 20 shots; 50 yards, slow fire)

1. Elson, J. W. (shot off)	Score
2. Hill, T. (shot off)	169
3. Watkins, B. J.	169
4. Stubitz, F.	164
5. Evans, F.	162
6. Hallett, C. M.	162
7. Kindl, Nick	160
8. Noland, G. L.	160
9. Matkin, Frank	159
10. Yanick, O.	158
11. Moore, R. D.	158
12. La Tour, Aug.	158

(Continued on page 26)

Promotion of the Game Through Publicity

AT THE meeting of the Executive Committee of the National Rifle Association, held at Headquarters in Washington on January 26, the establishment of a Press Relations Bureau was authorized, and funds were appropriated for its maintenance. This was the first attempt ever made to furnish the newspapers with a year-round service covering the activities of rifle and pistol experts throughout the country. This action was taken by the committee as a result of experiments in publicity carried out at the National Matches of 1927 and 1928. In 1927, a small publicity bureau was opened at Perry shortly before the beginning of the matches. Funds and personnel were extremely limited, but the results were so encouraging that the Bureau was enlarged in 1928 and its director started operations six weeks before the opening of the matches. The publicity officers of the Army, Navy, and Marine Corps co-operated with the N. R. A. in the printing and circulating of advance publicity, and the Army furnished all of the personnel of the Publicity Bureau at Perry with the exception of one officer.

A number of newspapers sent representatives to the matches, and the news-reel companies also had men there for a few days. Every night, from two to three bags of news releases were mailed. Hundreds of photographic prints were also circulated. This mass of material was bound to produce some results, but publicity is uncertain at best, and it was only after a nation-wide clipping service had been obtained through the generosity of the du Pont company that results were known. The du Pont company not only obtained clippings from practically every newspaper in the country, but also tabulated them and drew up the map which is printed on the opposite page. The dots show the cities and towns where stories concerning the 1928 National Matches were printed. They indicate clearly that news of the matches spread to all parts of the country. It is interesting to note that the total circulation of the newspapers which carried National Match publicity was 233,949,110. This applies only to news articles. While no editorials were sent out from Perry, these news articles inspired a great deal of editorial comment. The papers which carried editorials commenting on the National Matches had a total circulation of 599,664. It is safe to say that no National Match has ever received such widespread publicity.

The results obtained at the 1928 matches prompted the Executive Committee of the N. R. A. to establish a permanent publicity organization under the direction of a military man familiar with target practice and newspaper work. The new Press Relations Bureau of the N. R. A. did not get under way until last May. So far, the results have shown that the committee acted wisely. Aside from its military importance, target practice is a sport and is so regarded by a vast majority of civilian marksmen who are the backbone of the N. R. A. No sport has received less publicity in the past, and it is easy to point out a number of other sports which would pine away and die were they not constantly spread before the public in

the pages of the press. With a permanent publicity bureau, it is thought that a tremendous increase in civilian marksmanship will be realized within the next few years.

It is the mission of the Press Relations Bureau of the N. R. A. to tell every newspaper reader of the country that he may take part in the game. To accomplish this, there must be complete co-operation between N. R. A. Headquarters and the members of the organization throughout the country.

Now just what does all this mean to the individual member of the N. R. A.? It means a great deal to him. Without the co-operation of members in all parts of the country, the Press Bureau will be in the position of a newspaper without reporters. We must all work together if the Bureau is to gather the news of the shooting game and give it to the public through the newspapers.

Here is something that you can do NOW. Every club should have a publicity man—someone whose duty it is to see that the newspapers in your vicinity are provided with every item of news concerning marksmanship that he can gather. He should also keep in touch with the Press Bureau and send to the Bureau every newspaper clipping he finds concerning marksmanship. These clippings should not be limited to items which he himself has given to the papers but should include all other items on the subject. The Bureau frequently sends out stories from Washington for national circulation. These are mailed direct from the N. R. A. office. Unless they receive clippings from all parts of the country, those in charge of the Bureau can not be sure that their efforts are bearing fruit. All clippings should be marked with the name of the paper and the date of publication. If your club has a publicity man, you can help him by clipping every item you see in your own newspaper and sending it to him. If your club has no publicity man, see that one is appointed. If your club has a member with newspaper training, he is the man for the job; if not, any energetic man who is familiar with the sport will do. But when your publicity man is appointed give him your whole-hearted support.

If you are appointed publicity man for your club, start work by making friends with at least one reporter on every paper in your town. A reporter's job depends on the quantity of news he turns in. Your newspaper friend will be glad to receive news of the activities of your club. See that he gets it in plenty of time for publication. Do not wait until it is stale. Whenever possible give out as many names and addresses as you can. In the case of Juniors include the names and addresses of parents in your news. Editors like stories that have a personal touch. The printing of names is a great circulation-builder.

The Press Bureau was not established merely for the circulation of national stories from Washington; its most important mission is to assist clubs in their own publicity campaigns. Put your publicity problems up to the Bureau. Write in for advice. If your club plans a match or a series of matches, the Bureau will prepare advance

publicity for you. If your newspaper friends are willing to help you in this work, the assistance of the Bureau will not be necessary; but remember that you can have it whenever you want it.

There are more pictures in newspapers today than ever before. A good picture is almost sure-fire publicity. Pictures of prominent marksmen, pictures of the oldest shooter or of the youngest Junior rifleman, pictures of winners of matches displaying their trophies—all these are of value to the publicity man. In general, individual pictures are better than groups because they take up less space; but no picture should be scorned. Only the larger papers make their own engravings or "cuts" from photographs. The smaller papers prefer to receive what are known to editors as "mats." The word is an abbreviation of "matrix." A matrix is a mould from which a cut can be cast. A mat is a pressed-paper mould made from an engraving which is produced by a photo-chemical process from a picture. Naturally, you can not make your own mats, but the Bureau will have them made for you at no cost to yourself or your club. All you need do is to send in a photograph, preferably one with a glossy finish, to the Press Bureau of the N. R. A., Barr Building, Washington, with the number of mats you desire and enough information so that the Director of the Bureau will be able to write the proper caption. The mats will be mailed back to you within ten days after the photograph is received.

Mats cost money, and the Bureau can not guarantee to make mats from every picture received. Some prints will not be sharp enough for good reproduction; others may not have enough news value. To avoid disappointment, get the advice of a newspaper man familiar with such matters before sending any photograph to the Bureau. After a little advice and experience you will learn to judge the value of a picture without going to others. If there is no one available to give you the right advice, send the picture to the Bureau anyway, and if it is not suitable for publication you will receive expert criticism and advice by return mail. All publicity men should send to the Bureau a list of the papers in their vicinity which prefer mats and also those that make their own cuts from photographs. These lists will help the Bureau to handle its own national picture releases properly.

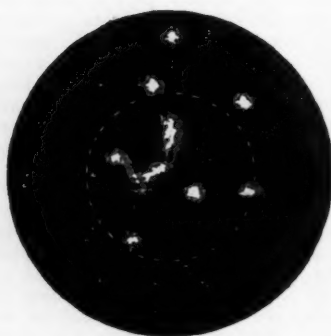
Club publicity men will sometimes dig up stories of more than mere local interest. Such information should always be forwarded to the Press Bureau. The Bureau must depend upon its coworkers throughout the country for news which can be worked up in the form of feature stories for national circulation. Every individual member, and especially every club publicity man, should regard himself as a reporter for the Bureau.

The names and addresses of friendly newspaper men should also be sent in. Frequently a personal letter to an interested editor or reporter from the Director of the Bureau will win publication for a national release which might otherwise wind up in the waste basket.

Kleanbore and Palma Match

THE Annual Eastern Small Bore Championships at Sea Girt are a severe test of marksmanship and equipment. 165 of the country's foremost small bore experts competed in this eighth annual classic at Sea Girt from July 3rd to 7th inclusive, with results that speak well for the marksman, his rifle and ammunition. As usual, Remington Kleanbore and Palma Match Car-

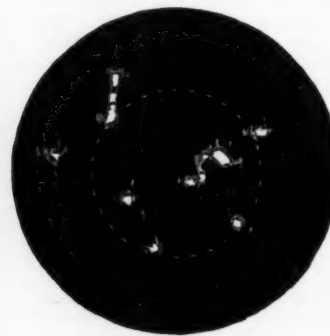
tridges. We reproduce below 33 of the 53 "possibles" recorded at the Palma matches at Sea Girt, were made with Remington Kleanbore Match Cartridges. We reproduce below



Possible by Edward Smelter



Possible by Edson Klinkel



Possible by Paul Landrock



Possible by M.

Palma Individual Match

150-175 and 200 YARDS

- 1st. Edward Smelter, Ossining, New York . . . Score 224
3rd. George Wilkinson, Bridgeport, Conn. . . Score 221
Both shot Palma

Eastern Two Man Team

100 and 200 YARDS

- 1st. Earle Stimson, Portland, Oregon . . . Score 386
R. H. McGarity, Washington, D. C. . . " 387-773
2nd. Paul Landrock, Union City. . . " 390
J. A. Willners, Philadelphia. . . " 383-773
3rd. C. S. Neary, Bridgeport, Conn. . . " 386
F. O. Kuhn, " " " " 387-773
All Shot Palma



© 1929 R. A. Co.

Palma Team Match

150-175 AND 200 YARDS

- 1st. Perth Amboy Rifle Club
Hugo Monty . . . Score 217
J. M. Sorensen . . . " 218
T. Samsoe . . . " 221
Wm. Larson . . . " 222
All shot Palma 878

50-Yard Re-Entry

- 1st. Eight men tied for first place with possible scores of 500, five of whom shot Palma.

Individual Grand Aggregate

- 1st. J. A. Willners, Phila. Score 1093
Shot Palma

Interstate Team Match

50 AND 100 YARDS

- 1st. State of Connecticut Score 2352
(4 of Team shot Palma)

A New Kleanbore

Mr. George B. Shaler, Perth Amboy, N. J., competing in the team match, A. G. Vail of the Club, shot "perfect possible" at 100 yards with the extreme accuracy of Remington Kleanbore Cartridges.



Remington

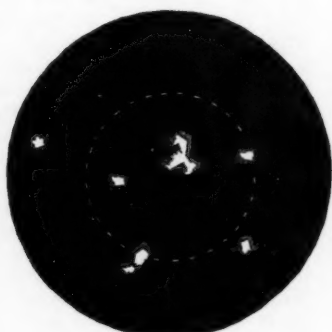
Match Clean Up at Sea Girt

bridges performed splendidly, maintaining their high standard by winning a majority of the individual and team contests. After all, the real test of ammunition rests with the shooter. His choice of the ammunition which makes and breaks records is the highest tribute to its accuracy and uniformity. We heartily congratulate the winners.

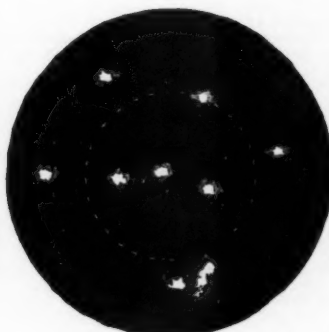
ed at yards in all of the re-entry and squad-
made with either Remington Kleanbore or Palma
nce between seven of the best groups. Actual size.



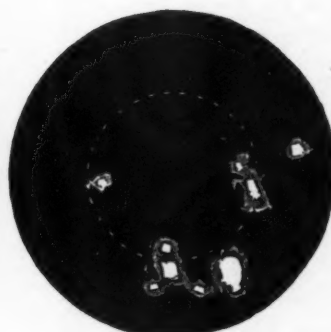
Possible by Manville



Possible by Mrs. J. M. Hilborn



Possible by H. H. Jacobs



Possible by Earle Stimson

Small Bore Record

B. Shelden,oughkeepsie Rifle Club,
in the Palma match with his side-
Vail of the Club, recorded 2 "pos-
100 yards shown below being a
possible" of conclusive evidence of
the accuracy of Remington Kleanbore



Small Bore Spencer

200 YARDS

- 1st. J. M. Sorensen, Perth Amboy, N. J.
Score 193
 - 2nd. Daniel Hoag, Englewood, N. J.
Score 193
 - 3rd. J. A. Willners, Phila., Pa.
Score 193
- All shot Palma

Eastern Individual Match

50-100 and 200 YARDS

- 2nd. F. O. Kuhn, Bridgeport, Conn.
Score 292
- Shot Palma

Eastern Team Match

50-100 AND 200 YARDS

- 2nd. Remington Rifle Club, Bridgeport,
Conn. Score 1163
- All shot Palma

Swiss Match

200 YARDS

Consecu-
tive Bulls

- 1st. J. A. Noxon, Sea Cliff, N. Y. 46
- 2nd. J. W. Queffander, Essington, Pa. 34
- 3rd. Wm. B. Martin, Elizabeth, N. J. 33

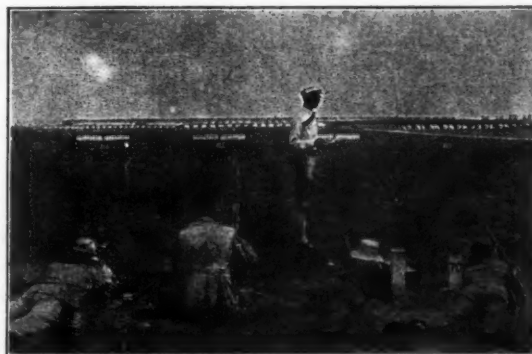
All shot Palma

Camp Perry Special

50 AND 100 YARDS

- 1st. Leo Manville, New York City Score 396
- 2nd. J. A. Willners, Phila., Pa. " 396

Both shot Palma



ington

N. R. A. NEWS

(Continued from page 21)

INDIVIDUAL POLICE MATCH

(Course: Same as Open-Team Match)

	Score
1. Yanicke, O.	262
2. Evans, Frank	262
3. Hill, T.	261
4. Brocksmith, K.	252
5. Bosch, Nick, Jr.	249
6. Matkin, Frank	248
7. Hallet, Chas. M.	245
8. Stubbs,	245
9. Watkins, B. J.	242
10. Heilman, J. A., Sr.	238

SIXTH ANNUAL NORTHWEST RIFLE ASSOCIATION MATCHES

FORT MISSOULA, MONT., JUNE 14, 1929

ANTHONY WAYNE FREE-RIFLE MATCH—59 ENTRIES

When fired—June 7, beginning at 7 a. m.

Course—Slow fire, standing, 200 yards, 20 shots, A Target.

1. Capt. Spooner, Fort Geo. Wright, Wash.* ..	98
2. Corporal Carlson, Fort Geo. Wright, Wash.† ..	95
3. L. E. Wilson, Cashmere, Wash.† ..	94
4. Sgt. John Carlson, Fort Missoula, Mont.† ..	94
5. Chester C. Green, U. S. M. C.† ..	94
6. Dr. B. C. Lee, Hamilton, Mont.† ..	93
7. Corp. R. J. Jones, Fort Missoula, Mont.	93
8. P. C. Pangborn, Wenatchee, Wash.	93
9. Capt. E. McGoldrick, Spokane, Wash.	93
10. Victor Hessler, U. S. M. C.	93
11. Robert O. Bare, U. S. M. C.	92
12. Burr A. Evans, U. S. M. C.	92
13. Mulvin T. Huff, U. S. M. C.	91
14. Sgt. Davis, Fort Geo. Wright, Wash.	91
15. Henry M. Bailey, U. S. M. C.	91
16. Richard B. McMahon, U. S. M. C.	91
17. H. Regnes, Hamilton, Mont.	91
18. Corp. W. A. Farrow, Fort Missoula, Mont.	91
19. Dean R. Penley, U. S. M. C.	91
20. Carl Magni, Hamilton, Mont.	90

* Silver Medal. † Bronze Medal.

FOUNDERS' MATCH—53 ENTRIES

When fired—June 7, beginning at 10 a. m.

Course—Slow fire, prone, 10 shots, 300 yards; kneeling, 10 shots, 300 yards; standing, 10 shots, 300 yards; 300-meter International Target.

1. B. Roark, Missoula, Mont.* ..	253
2. Capt. Spooner, Fort Geo. Wright, Wash.† ..	253
3. Capt. E. McGoldrick, Inf.† ..	249
4. H. M. Bailey, U. S. M. C.† ..	246
5. Corp. Moore, Fort Geo. Wright, Wash.† ..	245
6. D. Hessler, U. S. M. C.† ..	242
7. Dr. B. C. Lee, Hamilton, Mont.	237
8. P. C. Pangborn, Wenatchee, Wash.	236
9. L. E. Wilson, Cashmere, Wash.	235
10. D. R. Penley, U. S. M. C.	233
11. L. H. Fletcher, U. S. M. C.	232
12. John Carlson, Fort Missoula, Mont.	231
13. Sgt. H. H. Dever, Fort Missoula, Mont.	231
14. Sgt. S. K. Speaks, Fort Missoula, Mont.	227
15. J. C. Parker, U. S. M. C.	227
16. 1st Sgt. C. A. Hammer, Fort Missoula, Mont.	227
17. Corp. Carlson, Fort Geo. Wright, Wash.	224
18. W. A. Hunt, U. S. M. C.	224
19. H. Regnes, Hamilton, Mont.	223
20. C. G. Green, U. S. M. C.	223
21. Mrs. P. C. Pangborn, Wenatchee, Wash.	220

* Silver Medal. † Bronze Medal.

NORTHWEST OLYMPIC PISTOL MATCH—31 ENTRIES

When fired—June 7, beginning at 1 p. m.

Course—Slow fire, 50 yards, 20 shots, 50-Meter International Target.

1. B. H. Jennings, Anaconda* ..	161
2. Paul Palef ..	160
3. L. E. Wilson, Cashmere, Wash.	153
4. Sgt. Lowe, Fort Geo. Wright, Wash.	152
5. Sgt. John Carlson, Fort Missoula, Mont.	150
6. Fletcher, U. S. M. C.	146
7. Captain Spooner, Fort Geo. Wright, Wash.	146
8. Corporal Moore, Fort Geo. Wright, Wash.	145
9. E. C. Miles, Helena, Mont.	144
10. P. C. Pangborn, Wenatchee, Wash.	142

* Silver Medal. † Bronze Medal.

POWDER RIVER PISTOL MATCH—26 ENTRIES

When fired—June 7, beginning at 2:15 p. m.

Course—Slow fire, 50 yards, 10 shots; rapid fire, 25 yards, 10 shots; timed fire, 25 yards, 10 shots; 50-yard Standard American Target.

1. L. E. Wilson, Cashmere, Wash.* ..	260
2. Sgt. Carlson, Fort Missoula, Mont.† ..	257
3. Huff, U. S. M. C.† ..	257
4. Capt. E. McGoldrick, Spokane, Wash.† ..	253
5. Bailey, U. S. M. C.† ..	249
6. Fletcher, U. S. M. C.† ..	244
7. Capt. Spooner, Fort Geo. Wright, Wash.	242
8. Morf, U. S. M. C.	241

* Silver Medal. † Bronze Medal.

NORTHWEST NATIONAL PISTOL TEAM MATCH—5 ENTRIES

When fired—June 7, beginning at 3:30 p. m.

Course—Slow fire, 50 yards, 10 shots; rapid fire, 25 yards, 10 shots; timed fire, 25 yards, 10 shots; 50-yard Standard American Target.

	50-yd.	25-yd.	T.F.	R.F.	Total
1. U. S. Marine Corps* ..	313	364	353		1,030
2. Fort Missoula, Mont.† ..	291	328	330		949
3. Fort Geo. Wright					
R. & P.† ..	267	319	310		896
4. Pick-up Team ..	258	249	252		759
5. Wallace Rifle Club ..	200	281	242		723

* Silver Medal. † Bronze Medal.

NORTHWEST WIMBLEDON—54 ENTRIES

When fired—June 8, beginning at 10 a. m.

Course—Slow fire, 1,000 yards, 10 shots.

1. H. Regnes, Hamilton, Mont.* ..	49
2. Capt. McGoldrick, Spokane, Wash.† ..	49
3. Corp. Moore, Fort Geo. Wright, Wash.† ..	48
4. Capt. L. S. Spooner, Fort Wright, Wash.† ..	48
5. B. Roark, Missoula, Mont.† ..	47
6. E. W. Phillips, Wallace, Idaho† ..	46
7. Art Thomsen, Hamilton, Mont.	46
8. J. G. Bidgett, U. S. M. C.	46
9. Mrs. P. C. Pangborn, Wenatchee, Wash.	46
10. Dr. B. C. Lee, Hamilton, Mont.	46
11. Mike Kinsella, Wallace, Idaho	46
12. D. R. Penley, U. S. M. C.	46
13. Sgt. Lowe, Fort Geo. Wright, Wash.	46
14. C. O. LeSeur, Hamilton, Mont.	46
15. J. C. Parker, U. S. M. C.	46
16. L. G. Hall, U. S. M. C.	45
17. W. B. Heitfeld, Wallace, Idaho	45
18. V. Hessler, U. S. M. C.	45
19. Pvt. Belcher, Fort Geo. Wright, Wash.	45
20. Corp. Carlson, Fort Geo. Wright, Wash.	45

* Silver Medal. † Bronze Medal.

ROSEBUD SMALL-BORE MATCH—19 ENTRIES

When fired—June 8, beginning at 10 a. m.

	Score
1. Corporal Jones, Fort Missoula, Mont.* ..	193
2. L. E. Wilson, Wenatchee, Wash.† ..	192
3. Corporal Moore, Fort Geo. Wright, Wash.† ..	191
4. T. W. Hildeman, Missoula, Mont.† ..	190
5. Sergeant Speaks, Fort Missoula, Mont.† ..	190
6. Carl Beall, Missoula, Mont.† ..	190
7. C. O. LeSeur, Hamilton, Mont.	190
8. C. E. Smith, Wallace, Idaho	190

* Silver Medal. † Bronze Medal.

SUMMARY

TEAM STANDINGS

	Zachary Taylor	Idaho	Montana	Infantry	Grand total
Fort Geo. Wright					
R. & P. Club ..	271	536	549	570	1,926
U. S. Marine Corps					
1st Team ..	255	536	559	563	1,913
U. S. Marine Corps					
2nd Team ..	246	539	558	551	1,894
Wallace Rifle Team ..	253	509	531	565	1,858
Fort Missoula, Mont.	235	528	529	559	1,851
Montana-Washington ..	278	506	517	550	1,851
Garden City					
Rifle Team ..	257	510	505	556	1,828
Hamilton Rifle Club ..	256	504	525	533	1,818

CHAMPIONSHIP AWARDS

Team Championship of the Northwest,	
Fort Geo. Wright, R. & P. Club ..	1,926
All-round Champion of the Northwest,	
L. E. Wilson, Cashmere, Wash.	1,529
Rifle Championship of the Northwest,	
Capt. L. S. Spooner ..	728
Pistol Championship, Northwest Match,	
Sgt. John Carlson ..	673
Winner, National Rifle Match Course,	
Sergeant Lowe, Fort Geo. Wright ..	233
Winner, National Pistol Match Course,	
Sergeant Carlson, Fort Missoula ..	257
High Individual, Infantry Team Match,	
B. Rebuke, Wallace, Idaho	98
High Individual, Montana Team Match,	
Corporal Moore, Fort Geo. Wright ..	98

MATCH AWARDS

Anthony Wayne Free Rifle,	
Capt. L. S. Spooner ..	98
Founders' Match,	
B. Roark, Missoula, Mont.	253
Northwest Olympic Pistol,	
B. H. Jennings, Anaconda, Mont.	161
Powder River Pistol,	
L. E. Wilson, Cashmere, Wash.	260
Northwest Wimbledon,	
H. Regnes, Hamilton, Mont.	49
Rosebuds Small-Bore,	
Corporal Jones, Fort Missoula, Mont.	193

TEAM MATCH WINNERS

Northwest National Team Match,	
U. S. Marine Corps ..	1,030
Zachary Taylor Team Match,	
Montana-Washington ..	278
Idaho Team Match,	
U. S. M. C., 2nd Team ..	539

Montana Team Match,	
U. S. M. C., 1st Team ..	559
Infantry Team Match,	
Fort Geo. Wright R. & P. Team ..	570

OKLAHOMA RIFLE ASSOCIATION MATCHES

THE Oklahoma Rifle Association Matches for 1929, held at the Ardmore National Guard range June 9 and 10, proved the largest and probably the best ever staged in Oklahoma. They combined the championship matches with rifle, pistol, small-bore rifle and target pistol, as well as tryouts for the State civilian team going to Camp Perry, and included, for the first time, the use of percentage or "skiddoo" medals through courtesy of the National Rifle Association.

Judge C. Dale Wolfe, of Wewoka, N. R. A. State president, was elected president of the association for 1929-30, while Elmer C. Croom, of Okmulgee, was re-elected secretary and treasurer. The vice presidents include Jess C. Berger, of Drumright; A. B. (Gus) Vincent, of Okmulgee; Frank E. Smith, of Tulsa; E. J. Canada, of Luther; Harry L. Wilson, of Ardmore; and Mac W. Wilkins, of Oklahoma City. These officers constitute the executive board, supreme judges for all matters pertaining to the O. R. A.

The Grand Aggregate, or all-around championship of the State, embracing the Army Rifle Championship, Small-Bore Championship, Police Pistol Championship and Target Pistol Championship, was won by Mike C. Engel, of Luther, with a score of 592 x 650. He was awarded a gold medal. Second high all-around went to Elmer C. Croom, of Okmulgee, score of 588 x 650, silver medal; third place to Henry S. Jennings, of Drumright, score 586 x 650. There was only 20 points difference among the first 10 contestants for all-around honors.

Tulsa won the Army Rifle Championship Team Match; the Mistletoe Rifle Club, of Okmulgee, won the Small-Bore Rifle Team Championship; and Luther won both team championships for police and target pistol.

Gold medals were given to high man in each match, a silver medal to second, and bronze medals to third in each event, except the Palma and ladies' special matches, in which guns, cups and merchandise were awarded.

Winners and high scorers in all matches were as follows:

SMALL-BORE CHAMPIONSHIP

1. C. F. Berger ..	392
2. Frank E. Smith ..	390
3. J. C. Berger ..	387
4. T. A. Naylor ..	384
5. H. S. Jennings ..	384
6. Mac W. Wilkins ..	383
7. H. E. Brill ..	383
8. Elmer C. Croom ..	382
9. F. O. McLean ..	382
10. H. E. Keotah ..	381
11. Harry L. Wilson ..	380
12. C. W. Simpson ..	380

TEAMS

Okmulgee ..	1,888
Ardmore ..	1,883
Tulsa ..	1,881
Luther ..	1,789
Drumright ..	1,776

SMALL-BORE PALMA MATCH

1. M. C. Engel ..	221
2. Richard Dunlap ..	221
3. Elmer C. Croom ..	281
4. C. W. Simpson ..	217

(Continued on page 34)



(A Unit of the National Rifle Association devoted to teaching every boy and girl in America the safe and accurate handling of the rifle.)

Conducted by H. H. Goebel

Last Call for Camp Perry

THE boy or girl over 12 years of age coming to Camp Perry for the Junior School of Instruction and the National Matches has a full week of activity outlined for them. With a separate area established for the Junior camp and under continuous supervision the program is so worked out that the instruction is not carried on for so long a time as to become tiresome, but is carefully worked in with daily matches and qualifications so as to provide not only the maximum in instruction but the maximum in competition and enjoyment as well.

Developments indicate that we are to have a far better representation of competitors this year. Members of the N. R. A. interested in the Senior Matches have written us asking all about the Junior Camp and matches, advising that their sons and daughters are attending camp with them. One camp director writes that there is a possibility of the camp team attending in a unit. Heretofore the camp consisted mainly of competitors from States near Perry, with a scattering of individuals from more distant towns. With greater representation from distant localities the matches will soon take on a truly national aspect, for which they are primarily intended.

If there are any of our Junior members who are undecided about attending these matches, let us help you come to a decision. The course of instruction and training, continued throughout the week, will alone be well worth the trip to Perry. In addition to the regular program of events those who stay over for a longer period have at their disposal the use of the small-bore range. Here members will be instructed over the longer distances firing at 50 and 100 yards. These ranges will be open for the duration of the matches, affording all Junior riflemen the opportunity of competing shoulder to shoulder with their "big brothers."

Competitors should arrange to reach Perry not later than Sunday, August 25. This will allow the necessary time desired for registering and assignment to quarters. There is no cost for lodging, as tents, bedding, etc., are provided. Meals, however, can be purchased on the grounds at reasonable rates.

The complete Junior program of matches appeared in the last issue of the *News*. Whether you are a "first-rater" or not makes

little difference, for the matches arranged give everyone an opportunity to carry off one of the daily matches and medal awards.

Monday, August 26, the first day of the Junior program, will be devoted almost entirely to equipment and instruction. A minimum age limit of 12 years has again been established in order to complete all that is desired to be covered during the week. The camp will be divided into two groups by ages, so that the older fellows, who in all probability are more experienced shots, will compete among themselves. The younger group will receive the same training and fire the same program of matches daily for standing and awards. The instruction will cover the care and cleaning of the rifle, sighting and aiming, practice work including the gun sling, taking up the slack, breathing, general rules and positions, trigger-squeeze, sight-adjustment, range rules and safety precautions. Time permitting, members will be allowed on the range for practice and medal qualifications.

Tuesday, August 27, the match program actually gets under way. All competitors will fire 30 shots for record, prone, in their respective groups. One silver and two bronze medals will be awarded in each group. With added coaching in the sitting position, Wednesday's match will be fired in two positions, two strings of ten shots in each. Thursday the kneeling position will be added, and on Friday all four positions will be fired. Saturday's match determines the National Individual Championship. The match again will be in the four positions, but age restrictions will be eliminated. In this match a gold, silver and bronze medal will be awarded for the three high places.

Those of you who have never been to these matches before will never know what Camp Perry is like or how much is accomplished in the way of instruction and competition unless you attend. This is going to be a big year and you don't want to miss it if you can possibly help it.

CONDITIONS

Open to—Any individual or club member of the N. R. A. Junior Rifle Corps 12 years of age or over.

When fired—August 26 through August 31.

Entrance fee—\$1 (this includes all Junior

match events and Junior membership in the National Rifle Association).

Targets—N. R. A. J. R. C. Official five-bull's-eye targets only.

Range—50 feet.

Rifle—Any .22-caliber rim-fire.

Ammunition—Any .22-caliber rim-fire.

Sights—Any metallic.

Positions—Prone, sitting, kneeling and standing. (See course of fire.)

Classifications—Competitors will be classified into two groups by ages for the daily matches. Age classifications will not be considered in the National Individual Championship on the final day.

Prizes—One silver and two bronze medals to winners in each group in each daily match. One gold, one silver and one bronze medal to the three high in the National Individual Championship Match.

Assembly—Camp will assemble promptly at 8 o'clock each morning, when orders for the day will be read, with special announcements, including standings in each of the daily matches. Each morning before going to the range one hour will be devoted to instruction.

Ranges open—9:30–11:30 a. m.; 2–4:30 p. m.

Qualification—Competitors will be given an opportunity throughout the week to qualify for N. R. A. J. R. C. individual medal decorations.

Long-range instruction and firing—Added instruction on long-range work will be given members desiring to stay at camp after the close of the Junior events. The small-bore ranges will be available to Junior members.

RIFLE-SHOOTING AND CAMPS

SEVERAL years have passed since the organized sport of rifle practice was first introduced into the boy and girl camps. It was then that the rifle was looked upon more or less with fear, born almost entirely of unfamiliarity and in some cases by misinformation. Up to that time the rifle was considered destructive—something with which to destroy or pull down. Not until the Junior Rifle Corps introduced rifle-shooting as a constructive, character-building sport with a definite program of instruction and incentives did it become popular in these institutions.

Each year there is increasing interest and enthusiasm on the part of campers and camp directors as well in this sport. This year very nearly 300 camps will carry out this interesting and instructive program. Thousands of boys and girls in this great country of ours have for the first time in history the opportunity to participate and enjoy this natural outdoor activity.

Rifle practice is educational, for it teaches the attributes of patience, obedience, courtesy, accuracy, self-control, concentration and demands fair play as in no other sport. The sport is character-building, for a participant must live clean. There are no irregular hours or anything that pulls down

the body of a boy or girl that would be an expert shot.

This activity is one of America's most universal sports, as every interested follower is an active participant. It is universal in its application; the small boy and girl may enjoy the sport, as well as the older and more rugged. It is a sport in which one can compete against one's self, one's chum, father with son, mother with daughter, club with club and nation with nation. Further, it is an all-year-round activity, the sport being carried on indoors as well as outdoors.

Realizing that the season in camps is a short one, much detail has this year been eliminated relative to affiliation and the qualification returns. To simplify matters, affiliated camps have been provided with a consignment of medal and pin decorations to be accounted for as they are presented. A special affidavit has been prepared for these returns on which competitors' names and addresses are listed with their total score and record of awards presented. Remittances are to accompany these returns, and at the close of the season all unused awards are returned for credit. A similar arrangement worked out most satisfactorily last year.

Camps generally have co-operated with us in making weekly returns. This eliminates to a great extent the last-minute rush that has been experienced in years past. By submitting weekly reports we are permitted to work up to schedule and come to a balance, thus cleaning the slate each week. With many new camps to acquaint and serve this year in making their program of rifle practice a success, it is hoped that as many as can will co-operate and make returns regularly, and complete all records at the close of the camp season.

EXPERTS AND DISTINGUISHED RIFLEMEN

Do you remember when you fired your first qualifying Pro-Marksman target and just scored a 20? How happy you were, and when you finally completed the set of ten targets you could hardly wait to get them in the mails and get back the coveted medal. And then as a Marksman you were able to group your shots, nearly all of them, in the 5 and 6 rings. Finally as a Sharpshooter they began to crawl nearer and you were keenly disappointed if they didn't land in the black. It did not seem possible that this could ever have happened to you, and then as you climbed up those Possible 500 Bars one at a time in positions, you began to realize it was getting hard for you not to keep within the bull's-eye. How satisfied you became, and yet as you went on you found that the black bull's-eye was divided into four compartments by rings, and you began to see how many 8's and 9's you could get. Soon you were striving to get all of your shots in that .150-inch 10-ring.

Now all of this came by practice, by continued striving, by application of all that you had, concentrating on what you were doing, and you received the great satisfaction of knowing that you had qualified as

an Expert Rifleman, and then a Distinguished Rifleman.

This is not the experience of just a favorite few, but actually 122 Experts and 16 Distinguished Riflemen have qualified this year. What these members have accomplished, so can all Junior riflemen. We look forward to having the satisfaction and great pleasure of awarding many more Expert medals and Distinguished Rifleman bars and diplomas this year. The following have qualified as Experts and Distinguished Riflemen during the past month:

EXPERTS

John Nunes, Porterville, Calif.
Myron Giddings, Porterville, Calif.
Carlton Eggstaff, Eugene, Oreg.
John Cucco, Rosebank, N. Y.
Harry Gluck, New Brighton, N. Y.
Stanley Jones, W. Brighton, N. Y.
Seymour Gollubier, West N. Brighton, N. Y.
Willis Swanson, St. Paul, Minn.
R. Van Valkenburg, Chicago, Ill.
Nicholas Nickl, Chicago, Ill.
W. Kirch, Chicago, Ill.
Hubert Curtis, Des Moines, Iowa.
Bill Sanoie, Chicago, Ill.
Frank M. Seiffert, Jr., Orange, N. J.
Edward H. Nowell, Braintree, Mass.
J. Woolson Clark, Montclair, N. J.

DISTINGUISHED RIFLEMAN

Christopher Markham, Ypsilanti, Mich.

NATIONAL CAMP MATCHES

It is apparent that the Summer Camp Matches will this year go over bigger than ever. This prediction is advanced because the camps themselves are out for the best and biggest camp year that has been experienced and also because the J. R. C. is in a position to co-operate with the camps throughout the country in their one object—namely, the adoption of a program which will serve to give every camper a most enjoyable and beneficial recreation period.

The inter-camp shooting varies, of course, according to the amount of time devoted to this sport, but all affiliated camps are invited to have at least one team entered in the big annual event—the National Camp Championship. All camps have been provided with at least one set of the official targets. These were forwarded in advance of entries as all affiliated camps are eligible. The conditions adopted in the past may be outlined as follows:

The match will be open to rifle teams of both boys' and girls' summer camps which are affiliated with the N. R. A. Junior Rifle Corps. Boys' and girls' camps will compete in separate divisions and any number of teams may be entered by a camp. Simply write for additional sets of targets. No camper, however, will be permitted to fire on more than one team. A team will consist of from five to ten shooting members, the five high targets of each team to count for record. The match may be shot any time during the period of June 15 to August 3, and all targets fired or unfired for each team

must be back in Washington not later than August 10.

The course of fire will consist of ten shots for record, slow fire, prone, per man. The firing will be at 50 feet, the distance being measured from firing point to the target. N. R. A. J. R. C. official 50-foot targets, five bulls, will be used, each shooting member of a team firing two shots, slow fire, prone, at each bull's-eye, for a total of ten shots on each target.

Any small-bore rifle firing any .22-caliber rim-fire ammunition, .22-caliber rim-fire ammunition and any metallic sights not containing glass are the special regulations governing this event. N. R. A. Junior Rifle Corps will govern the scoring of targets.

All shooting must be personally witnessed by the camp counselor, who is in charge of the activity or by some one appointed by the camp director for this purpose. All targets must be completely filled in and signed by the witnesses of the shooting before being mailed. All returns must be made so as to arrive in Washington not later than August 10. This will allow for the re-scoring of targets and announcement of the winners before camp closes for the season. The winning team in each division will be awarded a beautiful cup trophy emblematic of the N. R. A. J. R. C. Camp Championship for 1929. In addition five medals will be presented the five high members of each winning team.

The Everett High Rifle Team, of Lowell, Wash., were defeated by a lone point in a recent match with the Tacoma Rifle Club, also of Washington. Although these youngsters have not been organized for a great length of time, they are progressing rapidly in individual and team competition. Twenty of the riflemen now wear sweaters of white with the school colors of blue and gold. Several of them have had felt emblems made for their sweaters representing the rifle club. The school principal thoroughly approves of the activity and has offered to establish rifle-shooting as a major sport if the members continue with their good showing.

Riflemen of the Ohio Military Institute, Cincinnati, Ohio, have been shooting consistently to advance in the course of individual accomplishments before the closing of the school year. Recent qualifications totaled 23 Pro-Marksman, 13 Marksman, 6 Sharpshooter, 3 First Bars, 2 Second Bars and 1 Fifth Bar. During the summer season activities will be carried on at Camp Fairwood, Bellaire, Mich., where many of the students will continue with their rifle practice.

The interest and constant shooting of Rifleman M. Concannon has been recognized by the authorities of the Wentworth Military Academy, of Lexington, Mo., and he has been presented with a school letter and medal. Concannon has qualified through the intermediate course of qualifications, nine bars, and has but one remaining set to be made to attain the grade of Expert Rifleman in the Junior Rifle Corps.

"If the Blind Lead —"

By WM. H. BRADDOCK, M. D.

"DAD! KnIhavthgunsaternoon?" Silence, and raised eyebrows.

"Dad, may I have the gun this afternoon? Jim and me—I—thought you might let us have it ngoupthcanyonThRangersaystheresa-bountyonmagpies!" Then, half resentfully, as the silence continues, "What's the use of all you've taught us, if we can't take a gun out?"

The Senior Instructor gazes thoughtfully out of the window. "All you've taught us?" Well, that might be argued. But every Sunday morning on the range—there's no church in our heathenish village—except when snow and cold are too obtrusive, that ought to count, oughtn't it? And the after-cleaning, too, though 12-year-olds' hands take lots more instruction cleaning than shooting; so that it's quicker, easier and much cheaper to do it yourself.

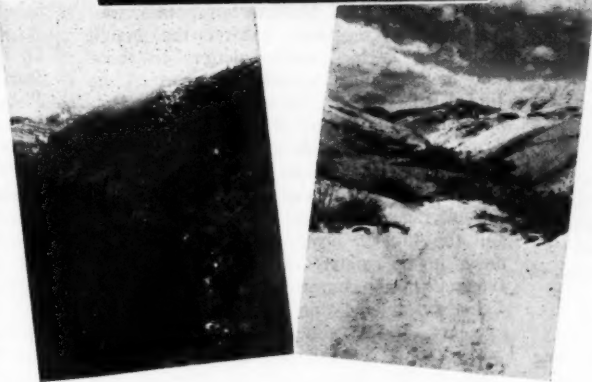
The range lies in plain view, outside the window. It's all range out our way. The country is composed almost entirely of backstops. It is said that there were some regrettable accidents in the early days, when shooting-irons were first introduced, owing to delay on the part of the shootees in interposing the handiest backstop between them and the shooters. But that was no fault of the backstops. They were there, perfectly competent; and still are. All you need, to use them as nature intended, is an empty box (from the grocery store), and a measuring tape. A couple of pieces of baling wire come in handy, too, twisted around the boxes to hold the targets. They are quicker than thumb tacks, and not nearly so hard on the fingers, besides being cheaper and easier come by. You see, we still keep horses in this country. It is true that a car with any aptitude develops remarkable agility here, given time and training; but if you really want to go anywhere, or to bring in mail or food in the winter, you need a horse.

The only real difficulty is in finding a stretch of 50 feet that doesn't stand on end; but we know the country pretty well, and there are nearly half a dozen measured places not too far away.

Yes, something has been taught, perhaps. There was Dick, for instance: "Say, Mrs. Senior Instructor, I've got *nine* targets on my Sharpshooter medal." Then, jokingly—or only half jokingly—"Say, why can't you shoot one for me?" "Dick, a sharpshooter can shoot a 35 any time he puts his mind to it, can't he—if he is a sharpshooter?" "Ye-ah, I s'pose so." "Well, you're going away to high school next year. Someone sees your medal. 'Huh, you a sharpshooter? Show me.' Well?"

By the way, Mrs. Senior Instructor's proper title is "The Junior Instructor."

But that offers difficulties in addressing her, for she is neither Mr., Miss nor Mrs. Junior Instructor; so there you are. And while I am on the subject, may I offer a word to any married man who is considering becoming an Instructor? *Do it now.* Let there be no doubt as to the seniority of the respective commissions. Believe me, it will save a great deal of hopeless argument on your part, as well as a lot of wear and tear



The country is mostly backstops

on the—on the range. Especially if the Junior Instructor happens to be feeling particularly good that day, and to be shooting—well, better than any Junior Instructor has any right to shoot, for the sake of discipline.

"Dad, how about the gun?"

"Bill, how about the State law that says no one under 14 is to be out with a gun, unless a grown-up is along?"

"Aw, Dad, you know there's Don, and Harry, and —"

"Yes, I know. Do they teach you in school that it's good citizenship to break the law if someone else does it?" And that might be another little point made. There were others:

"Hey, Betty, look out where you point that gun!" "Aw, it's empty." "Ye-ah, and it *might* go off. It's the empty guns that's the dangerousest, Dad says." (Dad calls all outdoors and little grasshoppers to witness he never said *that*.) Or that time walking home after the first of the season:

"Bill, why didn't Jack shoot better today?" "Out of practice." "Well, yes; Jack hasn't

fired a shot for five months. But neither have you and Dick, for four." "That's so. I guess—I dunno why." "Did you notice how he laid down at the point, after you fellows had been making 25's and 28's? Sort of, 'Now you'll see some shooting'." "He did, kinda, didn't he?" "It looked a little that way to me. I've tried to tell you shooting is a moral accomplishment, not a physical one—I mean, you shoot with what you think and are, a lot more than with your hands and eyes. A swell-head is a worse handicap than a pair of glasses. See?" And weeks later: "Jack beat you all today. Made a couple of 42's." "Ye-ah, but—" "Alibi?" "Yeh, he did." "And he hasn't had a chance to shoot for three weeks?" "Uh-huh." "Notice how he laid down at the point?" "Oh-h-h, I remember! You mean—"

And that time Harry was off his feed. "What's the matter, Harry? You don't seem to be able to do better than 37?" "I dunno." "Aw, Harry was at the movies last night." (We have them every Saturday evening, sometimes.) "You see? 'Man can't ram around half the night, supporting the movies and pool halls, and shoot next day. Simply can't be done.' 'Yes, perhaps something has been learned that may stick. At least, no sermonizing."

"Say, Dad, can't you come along?"

"A fellow has to earn a little money, now then, doesn't he? To buy eats and shoots, you know?"

Expensive? Well, that's according to how you look at it—what you want to buy with your money.

The Senior Instructor likes to see 'em shoot, almost as well as to do it himself. But he swears he won't be bothered with the flighty, the unsteady, the headstrong, the know-it-alls. So this is a private affair, strictly by invitation, limited to bona fide members in good standing of the J. R. C. And with Government shorts, old stock, costing around 14 cents a hundred, laid down, it's not too steep. Even at three to seven hundred rounds a day, average around four, once a week, ten thousand last quite a while. If any other dad begins to get restive about expenses, and talks about charity, let him donate a batch of targets. That cools 'em off. Anyhow, the Junior Instructor flatly refuses to keep any more accounts; so that's that.

Of course shorts are inaccurate in a gun chambered for long rifles. But they're plenty good enough up to 40's. And it's going to be quite a while before we begin to shoot for our Distinguished bars. Bad for the gun. Sure. Figure out for yourself how long it will take to save the price of a new barrel, with long rifles around six bits per hundred, laid down.

(To be continued)

MOSTLY PERSONAL

Rifleman Gerald L. Thaxton, who lives in Mobile, Ala., has won his Sharpshooter medal in the individual qualification course of the Junior Rifle Corps and is working hard for the Possible bars and Expert Rifleman grade. Since the close of school he is spending every spare moment on the rifle range. Gerald's parents are so interested in his shooting that they have offered a Savage 1919 N. R. A. rifle as an incentive if he completes this grade within a certain time. Best wishes for his success!

The Y. M. C. A.'s seem to be the foremost in the field of summer camp qualifications according to reports during the early part of the season. Camp Wood, promoted by the Topeka Y. M. C. A., has completed three sessions and leads the list of qualifications reported. To date they have qualified 84 Pro-Marksmen, 68 Marksmen, 34 Sharpshooters and 22 members have won the various bars leading to the Expert Rifleman rank. Mr. Bruce Tallman has been with this group for several seasons and is doing a splendid piece of work.

The Oklahoma State Y Camp is close on their heels with 84 Pro-Marksmen, 37 Marksmen, 17 Sharpshooters and 27 campers who have been awarded the various bar decorations. This progress is attributed to the efficient instruction of Mr. B. V. Edworthy, who also promotes rifle-shooting activities at the Tulsa Y. M. C. A.

The first of many qualification reports expected this season from Camp Crockett, promoted by the Y. M. C. A. of Dallas, Tex., lists 4 Pro-Marksmen, 7 Marksmen and 1 Sharpshooter. This enthusiastic group is led by Mr. H. G. Spruce.

To start the '29 season with a bang thirty-two newcomers have adopted rifle-shooting as a sport and have joined us in our undertaking to teach the safe and accurate handling of the rifle to the young people of our country. Many of these camps are introducing the rifle range for the first time in their history, but the demand for the activity has been so great that in several instances it has been placed on an equal scale with the major camp athletics. A hearty welcome is extended and best wishes for their most successful season.

Here is a list of our new members:

Camp Sloane, Lakeville, Conn.
Douglas Camp for Girls, Pebble Beach, Calif.
Camp Wabun Anning, Kerrville, Tex.
Camp Minnesota for Boys, Deer River, Minn.
Camp Unaim, Sumneytown, Pa.
Camp Hilltop, Kelsey, N. Y.
Hawthorne, Raymond, Me.
Plymouth, Echo Lake, Ryson, Vt.
Medomak, Washington, Me.
Cosby, Birmingham, Ala.
Wewa, West Pirre, Orlando, Fla.
Forest Lake Camp, Warrensburg, N. Y.
Nevada Boy Scout Camp, Glenbrook, Nev.
Le Conte, Elkmont, Tenn.
Sunapee, New London, N. H.

Camp James J. Wilson, Frenchtown, N. J.
Potawotami, S. Milford, Ind.
Mary-Dell Camp, Abilene, Kans.
Leale, Taneycomo, Mo.
Cumberland, Barboursville, Ky.
Ticonderoga Camp for Girls, Ticonderoga, N. Y.

Mascoma, Crystal Lake, Enfield, N. H.
Creve Ceour, Bath, Ill.
Little Bear Camp, Orange County, N. Y.
Ozark, Stover, Mo.
Munsee, Dingman's Ferry, Pike Co., Pa.
Conesca, Raymond, Me.
Fleur de Lis Camp, Fitzwilliam, Southern N. H.
Sacrusa, Durham, N. C.
Johnson, Worthington, Ohio.
Daniel Boone, North Anson, Me.
Wahkouwa, Blirstown, N. J.

Under the efficient coaching of Mr. C. E. Taylor the blue and gold rifle team of Malden High School, Malden, Mass., continues to hold their title for the year of not having been defeated in scholastic shoulder-to-shoulder competition. The recent match with Wakefield High, consisting of 20 shots per man, 10 prone and 10 standing, was a walk-over for the Malden boys, who won by almost 200 points. After the match Instructor Taylor awarded letters to those who have attained a rank of Expert in the Junior Rifle Corps. These boys were as follows: Richard George, David Storey, George Trout, Harold McInnis and Earl Dickie.

A few days later an interesting and exciting rifle match was held on the High School range by the Wentworth Institute and the Malden boys. This match will go down in the annals of the home team as the most hotly contested of the school year. Keen rivalry and fine sportsmanship was in evidence at all times. Wentworth Institute, known as the strongest school rifle team in the State, came to Malden with full expectations of carrying home the honors. The Malden boys, however, upset this idea and at the end of the match both teams were deadlocked with 805 points.

To break down this tie an additional stage was fired, consisting of 5 shots by each member in the standing position. Wentworth weakened in this final event, and the superior shooting of Capt. George McInnis and Scanlon put Malden on top. The final score was 186 to 173.

Since last writing of our adult leaders who have received their instructor's commissions through the Correspondence Instructors' Training Course, we have been kept busy crediting lessons completed and awarding commissions to 21 additional adults and three of our Junior members. These Junior members after satisfactorily completing the regular course were awarded commissions as Assistant Instructor in the Corps. In appreciation of the time devoted to the promotion of this worth-while activity we are listing these members:

E. E. Haskins, Monongahela, Pa.
V. M. Scherer, Tallahassee, Fla.
J. M. Darlington, Lancaster, Pa.
Mario Eberle, New York, N. Y.
William N. Smith, S. Pasadena, Calif.
H. H. Bridgman, Piqua, Ohio
Raymond Pease, New York, N. Y.
Ethel Schmore, Floral Park, N. Y.
H. Rindal, Minneapolis, Minn.
D. H. Bash, Bartlesville, Okla.
Darrell Huff, Beloit, Wis.
Robert O. Schlaifer, Dundee, Ill.
Donald Stallard, La Fayette, Ind.
Mrs. James N. Luton, Bloomington Springs, Tenn.
Robert C. Sullivan, New York City.
Miss Bertha G. M. Newman, Jersey City, N. J.
H. J. Lockwood, Glendale, Calif.
Miss Elizabeth Lynn, Clinton, S. C.
C. T. de Heigh, Jersey City, N. J.
Rowland Garner, Norristown, Pa.
L. S. Maxwell, Brevard, N. C.
James I. King, West Point, N. Y.
Miss Vivian C. Whitehead, Hollywood, Calif.
Miss Catherine Burleson, San Angelo, Tex.

Protect the Bore of Your Rifle—



Stazon, per set \$1.00

Stazon Preservative, per tube	\$.20
Stazon Preserving 5-lb. tin (32 tubes)	1.50
Satson Chloroil Solvent, per bottle35
Stazon Chloroil Solvent per qt. (12 bottles)	2.75
Stazon Rust Off, per tube30
Stazon Gun Oil, per can30
Stazon Gun Oil, per gallon	2.00
Cosmolene, per can50

"FIENDOIL"

"Fiendoil"—Sample bottle15
"Fiendoil"—Full-size 2-oz. bottle50

(Post Prepaid)

TARGETS

Single-Bull, per 1,000	\$1.75
Single-Bull, per 500	1.00
Five-Bull, per 1,000	2.00
Five-Bull, per 500	1.25

N. R. A. SERVICE CO., Inc.

816 Barr Building

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Washington, D. C.

THE EIGHTH ANNUAL SEA GIRL TOURNAMENT

(Continued from page 8)

Swiss Match with 46 bulls, Mr. J. A. Noxon, of Sea Cliff, N. Y., established a new Sea Girt record, for which he received the hearty applause of everyone present. Mr. J. W. Onefander, of Essington, Pa., who stayed in the bulls for 34 consecutive shots; and Col. W. B. Martin, veteran of many .30-caliber matches, who made the fine run of 33 straight bulls, were two other shooters who were given big ovations.

Another noteworthy accomplishment was the performance of Frank J. Kahrs in one of the important team matches. Due to a malfunction of his scope, Kahrs experienced considerable trouble finding the target. After being signaled two misses on both sighting shots, and one miss for his first record shot, the veteran decided it was high time to discard said scope, whereupon in finishing this stage with another rifle and scope, he proceeded to run 14 straight bulls. Mr. Kahrs later received a beautiful etching done by Mr. R. H. Nisbet, well-known artist and shooter of Kent, Conn., and presented by Mr. Nisbet to the individual responsible for the most outstanding achievement of the shoot.

A total of 53 possibles at 100 yards in both re-entry and squadded matches were registered, while so many perfect scores at the shorter range were turned in that it would really be a great loss of time to count them. One of the 100-yard possibles deserves special mention because it is what is known as a "perfect possible"—all 10 shots being grouped within the 1-inch 10-ring. This target was made by George B. Sheldon, of Poughkeepsie, N. Y., the big fellow who most always gives a good account of himself when away from home.

The new decimal target at 200 yards with 4-inch 10-ring and 8-inch bull's-eye, including the 9-ring, was given a thorough test at Sea Girt. Over 500 10-shot strings were fired at this target, and out of this number only 3 possible scores of 100 were made. These were fired by Mr. Clarence Held, of Allentown, Pa., Capt. C. S. Shields, of the D. C. National Guard, and Mr. Shirley O'Brien, of Essington, Pa. There were quite a few 99's, but the average score for all shooters ran about 90. Under normal conditions, it is no trick to make 95 or 96 on this target, but as soon as there is any breeze to speak of, the scores drop off quickly. Under favorable weather conditions, however, a possible score of 100 is entirely possible, and it seemed to be the consensus of opinion among the shooters at Sea Girt that this target is the proper one for use in all matches of this program, except the Palma and Swiss.

As heretofore related, the wind on each day of the Sea Girt Tournament was anything but light. While not quite as bad as the Pacific breeze referred to in Captain Crossman's account of the California State Shoot, which story appears elsewhere in this issue, it was mean enough to play havoc

with featherweight .22 bullets en route to the 200-yard targets. This, of course, largely accounts for the lower scores in practically all matches of the Sea Girt program. For instance, a comparison of scores in the popular Palma Match, which was won this year by Ed. Smelter, of Ossining, N. Y., with a score of 224 x 225, brings to mind the long list of possibles made over the Palma course last year and in the past. Although both the Palma Individual and Team Matches this year saw an increase in entries over any previous years, the scores in each event were considerably under past high records. Perth Amboy (N. J.) Rifle Club, in nosing out the team representing the Ohio Rifle League, took home the Proudman Trophy, medals and cash prize awarded the winning team in the Palma Team Match. Perth Amboy's total score was 878—one point better than the Ohio aggregation.

Other winners of important individual matches were Frank Frohm, Wilkes-Barre, Pa., who copped the Eastern Individual with a score of 293; J. M. Sorensen, of Perth Amboy, winner of the Frazee Cup, awarded the high scorer in the Small-Bore Spencer; Leo Manville, Ossining, N. Y., club member who walked away with the Dewar Course Camp Perry Special Match; and J. A. Willners, from Frankford Arsenal, whose consistent average in all matches won for him the important Grand Aggregate. The Eastern Two-Man Team Match went to Earle Stimson and R. H. McGarity, whose team score of 773 outranked that of the second and third teams, while the best State team shooting the Interstate Match was the one composed of Connecticut shooters.

Pistol-shooting at Sea Girt this year was almost impossible, due to the stiff breezes, there being only six entries in each of the slow-fire single-entry events. Leo Gratosky, of Wilkes-Barre, Pa., outshot the field in the 50-shot pistol match, while W. Cook, Washington, D. C., pistol expert, son of the well-known doctor of international pistol fame, had the best score in the 20-shot match.

Except for the pesky, persistent wind that was prevalent throughout the five-day period, the weather otherwise was almost perfect. There was plenty of shooting for all who wanted to shoot, a whole lot of work for those willing to work, and the chance for everybody to renew many friendships—all of which goes to make a good shoot and a happy gathering of shooters.

Winners and high scores in all matches of the 1929 Sea Girt program follow:

PALMA INDIVIDUAL MATCH—117 ENTRIES		
Course—150, 175, and 200 yards; 15 shots at each range; C5 target.		
No.	Name	Score
1.	Edw. Smelter*	224
2.	Floyd Oswald†	222
3.	Geo. Wilkinson†	221
4.	J. A. Willners†	221
5.	R. H. Nisbet†	221
6.	J. F. Rivers†	220
7.	Earle Stimson†	220
8.	Wm. Larsen†	220
9.	E. J. Doyle†	220
10.	C. J. Walkert†	219
11.	S. Tekulsky†	219
12.	S. P. Gardner†	219
13.	C. C. Held†	219

14.	H. H. Jacob†	219
15.	L. J. Cora†	219
16.	Harry Frohm†	219
17.	W. E. Trull†	218
18.	M. W. Sargeant†	218
19.	W. F. Crofoot†	218
20.	Wm. Mackey†	218
21.	F. O. Kuhn†	218
22.	Paul Landrock†	218
23.	G. B. Brown†	218
24.	E. F. Manning†	218
25.	R. H. McGarity†	217
26.	Chas. H. Johnson†	217
27.	Mrs. J. M. Hilborn†	217
28.	W. W. Hixon†	217
29.	J. M. Sorensen†	217
30.	C. B. Mitchell†	217
31.	G. H. Sittler†	217
32.	C. S. Shields†	217
33.	Fred. Pauch†	217
34.	Eric Johnson†	217
35.	Hugh Everett, Jr.†	217
36.	A. J. Pionnie†	216
37.	A. A. Huffman†	215
38.	Wm. Keighley†	216
39.	Leo Manville†	216
40.	J. J. Palmer†	216
41.	Irwin Tekulsky†	216
42.	T. Samsoe†	216
43.	W. M. Stuart†	216
44.	D. D. Mercer†	216
45.	J. M. Hilborn†	216
46.	J. C. Jensen†	216
47.	Walter Kelsey†	216
48.	J. W. Hession†	216

* Manhattan R. and R. prize and cash.

† Cash prize.

‡ Hi-class C, \$20 gold and cash prize.

EASTERN INDIVIDUAL MATCH—122 ENTRIES		
Course—50, 100, and 200 yards; 10 shots at each range; decimal target used at 200 yards.		
No.	Name	Score
1.	Frank Frohm*	293
2.	F. O. Kuhn†	292
3.	Walter Kelsey†	291
4.	W. T. Barrans†	291
5.	Hugh Everett†	290
6.	T. Samsoe†	290
7.	C. Harold Johnson†	290
8.	Leo Manville†	289
9.	C. S. Shields†	288
10.	Harry Frohm†	288
11.	W. M. Stuart†	288
12.	H. J. Wood†	288
13.	T. Hungerford†	288
14.	E. J. Manning†	287
15.	F. Gardner†	287
16.	D. D. Hoag†	287
17.	J. C. Jensen†	287
18.	C. S. Neary†	287
19.	H. H. Jacobs†	286
20.	G. A. Sittler†	286
21.	T. A. Riley†	286
22.	L. Hansen†	286
23.	W. B. Martin†	286
24.	Mrs. J. M. Hilborn†	285
25.	C. S. Landis†	285
26.	Earle Stimson†	285
27.	M. W. Dodson†	285
28.	Edw. Smelter†	285
29.	A. A. Huffman†	285
30.	C. C. Held†	285
31.	C. N. German†	285
32.	Wm. Mackey†	285
33.	J. A. Noxon†	285
34.	Ed. Kinkel†	284
35.	Geo. Petersen†	284
36.	L. J. Cora†	284
37.	T. R. Mullin†	284
38.	H. K. Mann†	283
39.	J. A. Willners†	283
40.	Chas. H. Johnson†	283
41.	Geo. B. Sheldon†	283
42.	Paul Landrock†	283
43.	Floyd Oswald†	283
44.	R. H. McGarity†	282
45.	A. J. Thill†	282
46.	J. W. Hession†	282
47.	C. J. Andrews†	282
48.	J. M. Hilborn†	282
49.	V. B. Manning†	282
50.	H. N. Renshaw†	282
51.	E. C. Korten†	281
52.	Geo. Demeter†	281

* Gold medal and cash prize.

† Silver medal and cash prize.

‡ Bronze medal and cash prize.

§ Cash prize.

PALMA TEAM MATCH—17 ENTRIES		
Course—Same as for Individual Palma.		
No.	Name	Score
1.	Perth Amboy Rifle Club*	
	Hugo Monty	217
	J. M. Sorensen	218
	T. Samsoe	221
	Wm. Larsen	222
	Total	878
2.	Ohio Rifle League†	877
3.	Best Rifle Club No. 2†	876
4.	D. C. National Guard†	876
5.	Union County Rifle Club†	875
6.	Remington Rifle Club†	875

7. Montclair Rifle Club	874
8. Roosevelt Rifle Club	872

* Proudman Trophy, medals, and cash.
† Cash prize.

SMALL-BORE SPENCER—116 ENTRIES

Course—20 shots at 200 yards. Decimal target.

No.	Name	Score
1.	J. M. Sorensen*	193
2.	Daniel D. Hoag†	193
3.	J. A. Willner†	193
4.	L. J. Corsat	193
5.	E. M. Newcomb†	193
6.	Edw. Smelter†	192
7.	Geo. B. Sheldon†	191
8.	Wm. Keighley†	191
9.	C. Harold Johnson†	190
10.	Ellis C. W. Given†	190
11.	C. S. Neary†	190
12.	Frank Frohm†	190
13.	W. M. Stuart†	190
14.	Chas. B. Mitchell†	190
15.	Edson Klinkel†	189
16.	A. A. Huffman†	189
17.	F. O. Kuhn†	189
18.	James J. Palmer†	189
19.	M. R. Kemmeron†	189
20.	F. W. Schlesinger†	189
21.	Walter Kelsey	189
22.	H. M. Wolf†	189
23.	R. B. Klenkner†	189
24.	L. Hansen	189
25.	Eric Johnson	189
26.	Edw. J. Manning	188
27.	J. D. McNabb	188
28.	Irwin Tekulsky†	188
29.	Leo Manville	188
30.	Geo. Demeter	188
31.	Wm. B. Martin	188
32.	J. F. Rivers	188
33.	Hugh Everett, Jr.	188
34.	R. H. McGarity	188
35.	Geo. Schneering	188
36.	Paul Mackey	188
37.	Charles J. Walker	188
38.	Robert H. Nisbet	187
39.	O. M. Schriver	187
40.	Hugo Monty	187
41.	Charles H. Johnson	187
42.	C. S. Shield	187
43.	Fred Pauch†	187
44.	H. J. Wood	187
45.	Harry N. Renshaw	187
46.	Wm. Mackey	187
47.	M. W. Sargeant	187
48.	C. S. Landis	187
49.	James Hutchins†	187

* The Frazee Cup and cash.
† Cash prize.
‡ Hi-class C, \$5 gold and cash prize.

CAMP PERRY SPECIAL—107 ENTRIES

Course—Dewar.

No.	Name	Score
1.	Leo Manville*	196
2.	J. A. Willner†	196
3.	E. J. Doyle	194
4.	Frank Frohm	192
5.	Earle Stimson	192
6.	Hugh Everett, Jr.	191
7.	Fred. O. Kuhn	190
8.	C. S. Shields	190
9.	Harry N. Renshaw	190
10.	F. W. Schlesinger	190
11.	H. H. Jacobs	189
12.	Wm. Mackey	189
13.	Thom. R. Hassall	189
14.	J. W. Hession	188
15.	W. M. Stuart	188
16.	E. M. Newcomb	188
17.	J. B. Miller	188
18.	A. G. Vail	188
19.	Geo. H. Sittler	188
20.	Geo. B. Sheldon	188
21.	J. A. Noxon	187
22.	J. C. Jensen	187
23.	Chas. St. John	187
24.	Edson Klinkel	187
25.	Floyd Oswald	187
26.	R. H. McGarity	187
27.	J. F. Rivers	186
28.	Chas. H. Johnson	186
29.	Alan A. Taylor	186
30.	Robt. H. Nisbet	186
31.	Geo. Ohlmann	186
32.	L. J. Corsat	186
33.	C. C. Held	186
34.	T. A. Riley	185
35.	Edw. J. Manning	185
36.	J. M. Hilborn	185
37.	Eric Johnson	185
38.	Fred. Pauch	184
39.	T. Samsoe	183
40.	H. M. Wolfe	183
41.	Irwin Tekulsky	183
42.	A. E. Hart	183
43.	Chas. B. Mitchell	181
44.	Chas. N. German	181
45.	Walter Kelsey	181
46.	F. W. Rogers	181
47.	F. W. Osgood	180
48.	M. O. Noll	180
49.	Harry Frohm	180

* The Frazier Cup.
† A trip to Camp Perry.

EASTERN TEAM CHAMPIONSHIP—16 ENTRIES

Course—Same as Eastern Individual.

No.	Name	Score
1.	D. C. National Guard Rifle Team*	
	J. C. Jensen	295
	C. S. Shields	295
	Hugh Everett, Jr.	293
	T. A. Riley	290

Total	Score
2. Remington Rifle Club†	1,163
3. Ohio Rifle League*	1,161
4. Union County Rifle Club	1,160
5. Perth Amboy Rifle Club*	1,159
6. Quinpiac Rifle Club	1,157
7. Nat. Capitol Rifle Club	1,153

* Frankford Arsenal Trophy, silver medals and cash.
† Cash prize.

SWISS MATCH—98 ENTRIES

Course—200 yards. C5 target.

No.	Name	Consecutive Bulls
1.	J. A. Noxon	46
2.	J. W. Quedlander	34
3.	W. B. Martin	33
4.	Harry N. Renshaw	30
5.	Wm. E. Trull	28
6.	T. R. Hassall	19
7.	F. W. Osgood	17
8.	C. C. Held	16
9.	Earle Stimson	16
10.	Charles Popp	14
11.	W. F. Crofoot	14
12.	C. H. Sittler	14
13.	J. W. Hession	13
14.	R. H. Nisbet	13
15.	J. A. Willners	13
16.	Chas. H. Johnson	13
17.	Harry Frohm	12

NOTE—All listed received cash prizes.

INDIVIDUAL GRAND AGGREGATE—90 ENTRIES

Course—An aggregate. Scores in the Eastern, Palma, Camp Perry Special, and Spencer constitute the score in this match.

No.	Name	Score
1.	J. A. Willners*	1,093
2.	Frank Frohm†	1,091
3.	F. O. Kuhn†	1,089
4.	Leo Manville†	1,089
5.	Hugh Everett, Jr.†	1,086
6.	L. J. Corsat	1,082
7.	W. M. Stuart†	1,082
8.	C. S. Shields†	1,082
9.	Earle Stimson†	1,082
10.	Wm. Mackey†	1,079
11.	E. J. Manning†	1,078
12.	Walter Kelsey†	1,077
13.	C. Held†	1,077
14.	P. Oswald†	1,077
15.	H. H. Jacobs†	1,077
16.	Geo. Sheldon†	1,076
17.	Edson Klinkel†	1,076
18.	Geo. Sittler	1,076
19.	R. H. McGarity	1,074
20.	J. C. Jensen	1,074
21.	R. H. Nisbet	1,073
22.	Chas. H. Johnson	1,073
23.	E. J. Doyle	1,073
24.	T. Riley	1,072
25.	Eric Johnson	1,070
26.	J. F. Rivers	1,070
27.	H. Frohm	1,069
28.	S. P. Gardner	1,066
29.	T. Samsoe	1,066
30.	Paul Landrock	1,064
31.	F. W. Schlesinger	1,063
32.	J. M. Hilborn	1,063
33.	C. B. Mitchell	1,061
34.	W. T. Barrans	1,061
35.	A. G. Vail	1,061
36.	T. R. Hassall	1,061
37.	E. M. Newcomb	1,060
38.	Wm. Martin	1,059
39.	Fred. Pauch	1,059
40.	Geo. Demeter	1,058
41.	C. N. German	1,058
42.	J. N. Sorensen	1,057
43.	Chas. St. John	1,056
44.	W. F. Crofoot	1,055
45.	A. A. Taylor	1,053

* The Roosevelt Cup and cash prize.
† Cash prize.

EASTERN TWO-MAN TEAM MATCH—40 ENTRIES

Course—20 shots at 100 yards and at 200 yards each man.

No.	Name	Score
1.	Earle Stimson—R. H. McGarity*	773
2.	Paul Landrock—J. A. Willners*	773
3.	C. S. Neary—F. O. Kuhn*	773
4.	Geo. Petersen—L. Hansen*	768
5.	Edw. J. Manning—W. B. Manning*	767
6.	C. S. Shields—J. C. Jensen*	767
7.	C. C. Held—Geo. H. Sittler*	766
8.	E. J. Doyle—Eric Johnson*	765
9.	S. P. Gardner—Chas. H. Johnson	764
10.	A. E. Hart—H. H. Jacobs	764
11.	D. D. Hoag—Frank J. Kahrs	763
12.	T. Samsoe—Wm. Larsen	763
13.	Geo. Demeter—Jas. J. Palme	762

14.	J. W. Hession—L. J. Corsat	761
15.	A. G. Vail—Geo. B. Sheldon	758
16.	Wm. Mackey—H. K. Mann	757
17.	M. R. Kemmeron—L. E. Bittner†	757
18.	R. H. Nisbet—Geo. E. Wilkinson	757
19.	Edw. Smelter—Walter Kelsey	757
20.	T. R. Hassall—Edson Klinkel	756
21.	Frank Frohm—Harry Frohm	756

* Cash prize.
† Hi-class C, \$10 gold.

INTERSTATE TEAM MATCH—4 ENTRIES

Course—20 shots at 50 yards and at 100 yards.

No.	Team	Score
1.	State of Connecticut*	
	F. O. Kuhn	394
	G. E. Wilkinson	393
	F. W. Schlesinger	395
	E. J. Doyle	393
	R. H. Nisbet	390
	J. F. Rivers	387

Total	Score
2. New York	2,352
3. District of Columbia	2,350
4. Pennsylvania	2,337

* Spencer Cup and silver medals.

LONG-RANGE INDIVIDUAL—34 ENTRIES

Course—20 shots at 200 yards; decimal target.

No.	Name	Score
1.	Edward J. Manning	193
2.	Wm. Bolton	191
3.	Frederick Pauch	191
4.	Samuel Tekulsky	190
5.	James J. Palme	190
6.	Wm. B. Martin	190
7.	C. J. Andrews	190
8.	Wm. W. Hixon	189
9.	J. W. Quedlander	189
10.	John W. Garrett	189
11.	E. C. Korten	189
12.	W. A. Seaver	189
13.	Austin A. Huffman	188
14.	Herman F. Carman	188
15.	Russell R. Kleckner	188
16.	Marlin R. Kemmeron	187
17.	Louis C. Plain	187
18.	Charles Popp	187
19.	James Hutchins	187
20.	J. A. Noxon	187
21.	R. G. Ballance	187
22.	Wm. C. Schwab	187
23.	Shirley O'Brien	186
24.	Walter B. Manning	186
25.	Charles E. Mitchell	186
26.	W. F. Crofoot	186
27.	L. C. Bittner	185
28.	Irwin Tekulsky	184
29.	Edgar Hann	183
30.	Harold Jones	183
31.	Russell C. Parry	182
32.	Wm. L. Seale	180
33.	Wm. Arnold	170
34.	F. S. Gilman	165

NOTE—Cash prizes to the high 17.

SLOW-FIRE PISTOL MATCH—6 ENTRIES

Course—50 shots, slow fire, 50 yards.

No.	Name	Score
1.	Leo Gratosky*	419
2.	R. H. Lummis*	418
3.	J. F. Rivers	415
4.	W. Cook	396
5.	Wm. C. Schwab	379
6.	M. D. Wilt	321

* Cash prize.

SLOW-FIRE PISTOL MATCH—6 ENTRIES

Course—20 shots, slow fire, 50 yards.

No.	Name	Score
1.	W. Cook*	173
2.	R. H. Lummis*	167
3.	H. A. Harris	165
4.	Leo Gratosky	159
5.	Wm. C. Schwab	155
6.	Charles H. Johnson	150

* Cash prize.

50-YARD UNLIMITED RE-ENTRY—BEST 5 TARGETS TO COUNT—791 TICKETS

No.	Name	Score
1.	G. H. Sittler	500
2.	R. H. McGarity	500
3.	Hugh Everett, Jr.	500
4.	Earle Stimson	500
5.	E. Johnson	500
6.	G. H. Sheldon	500
7.	H. H. Jacobs	500
8.	R. H. Nisbet	500
9.	G. E. Wilkinson	499
10.	F. O. Kuhn	499
11.	Edson Klinkel	497
12.	F. W. Rogers	497
13.	A. G. Vail	497
14.	H. J. Wood	495
15.	J. M. Sorensen	495
16.	S. A. Colborne	495
17.	E. J. Doyle	495

NOTE—All listed received cash prizes.

(Continued on page 34)

FIRST ANNUAL MATCHES OF CALIFORNIA STATE RIFLE ASSOCIATION

(Continued from page 12)

of San Francisco, was second by a single point over Roberts Island, and Fresno, led by Henry Wright, hooked fourth.

And the tryout for the State team found Les Pope the high-sider, Fischer second, Waldo Haak, of Stockton, third, and none other than the justly famous Red Elliott, of set-trigger and other fame, a gunsmith of gunsmiths, in fourth spot. As only the difference from 364 to 361 separated first and sixth man, it was merely the difference of one puff of zephyr at the wrong time. Sixty-eight parties appeared in this tryout, and about 100 took part in the State shoot as a whole.

The first dozen, in addition to the men listed, included Kimmach, Henry Wright, Perozzi, Smith, of Los Angeles; Asher, San Diego; Harness, of Dinuba; Barthold, of Stockton; Ronkendorf, of Stockton; and Hugh Nelson, of Pasadena; with George Titherington, Stockton, well-known barrelmaker, in fourteenth niche. As several of these men will drop out, the list of the dozen for the team doubtless will include George.

Hard-working John Perozzi, of San Luis Obispo, veteran of several California teams, won the Grand Aggregate, with Haak, Barthold, Fischer and Elliott taking down the niches below.

Anyhow, she was a grand old shoot in spite of certain little matters not unconnected with a wind. The thanks of the civilians are due to the Adjutant General of California, who gave the range and his co-operation freely and generously. It was not much of a rifle range, but it was the best California had to offer, and as such was turned over to the civilians by the Adjutant General who has done his best for California civilian rifle-shooting since his taking over of office.

Following are the scores:

TRYOUTS, CALIFORNIA STATE CIVILIAN TEAM

1. Pope, L. A.	
532 Ysidor St., Los Angeles	364
2. Fischer, A. A.	
1067 N. Verdugo Ave., Burbank	363
3. Haak, Waldo C.	
Route 6, Box 312, Stockton	362
4. Elliott, F. K.	
342 East 4th St., Los Angeles	361
5. Kimmach, E. E.	
619 N. Verdugo Ave., Burbank	361
6. Wright, H. C.	
932 Courtland St., Fresno	361
7. Perozzi, John H.	
c/o Calif. Polytechnic, San Luis Obispo	360
8. Smith, E. G.	
147 W. 25th St., Los Angeles	360
9. Asher, J. M.	
Pacific Beach	358
10. Harness, John.	
123 E. El Monte Way, Dinuba	357
11. Barthold, C. G.	
22 W. Jefferson St., Stockton	355
12. Ronkendorf, H. P.	
Route 5, Box 52, Stockton	355
13. Nelson, H. F.	
532 N. Mentor Ave., Pasadena	355
14. Titherington, Geo.	
1321 S. American St., Stockton	354
15. Negranti, Peter, Cayucos	349
16. Johnston, P. D., Aptos	349
17. Mehegan, L.	
2335 Pino St., San Francisco	348
18. Newton, E. N.	
337 60th St., Los Angeles	348
19. Jones, C. E.	
P. O. Box 11, Calwa	347
20. Taylor, W. J.	
2295 California St., San Francisco	345
21. Muntener, J. J.	
1470 Mountain Blvd., Oakland	344
22. Heins, M. M.	
348 West 87th St., Los Angeles	343
23. Kipp, N. L.	
936 Eddy St., San Francisco	343

24. Elliott, Fred.	
1270 Palm St., San Luis Obispo	343
25. Budde, L. L.	
719 Van Ness Ave., Fresno	342
26. Fraser, C. J.	
2900 18th St., San Francisco	341
27. Craven, E. A.	
Route 2, Box 416, Selma	340
28. Cameron, W. W.	
2711 F St., Sacramento	340
29. Swett, C. L.	
2045 Kearney Ave., San Diego	337
30. Gyr, W., Route 1, Box 173, Lathrop	336
31. Killingsworth, Roy L., Coalinga	336
32. Jeffrey, Lester.	
1502 Poplar St., Fresno	336
33. Lehmann, H.	
337 E. Lafayette St., Stockton	335
34. Barnes, T. R.	
c/o Honolulu Oil Co., Taft	334
35. Cline, J. F.	
213 North F St., Madera	334
36. Kanagy, R. C.	
4843 33rd St., San Diego	333
37. Chilcote, H. L.	
Route 1, Box 256-A, Palo Alto	333
38. Elliott, H. F.	
1270 Palm St., San Luis Obispo	333
39. Siebert, S. R.	
2940 B St., San Diego	331
40. Wheeler, F. E.	
209 Corbett Ave., San Francisco	331
41. Laine, Franck.	
1095 Washington St., Santa Clara	330
42. McClure, T. T.	
528 26th St., Santa Monica	330
43. Mingins, Roy.	
3140 Baker St., San Francisco	329
44. Field, E. W., Stanford	328
45. Tarr, W. C., Box 734, Carmel	328
46. Moore, C. C., Jr.	
2519 Hope St., Huntington Park	328
47. DuNah, Carl.	
797 S. Fair Oaks St., Pasadena	327
48. Taylor, H. H.	
912 Watts Bldg., San Diego	327
49. Stoker, Maurice.	
2920 Monroe Ave., San Diego	327
50. Durbin, R. A., Walnut Grove	326
51. Tarr, C. B., Carmel	325
52. Martin, H. J.	
P. O. Box 623, Monterey	324
53. Dean, B. R., 224 Vineyard Ave., Madera	324
54. Wheatland, F. R., Pasadena	324
55. Chubbuck, C. D.	
Box 618, Stanford University	322
56. Campbell, F. T., Fairmead	321
57. Pope, W. C., Copperopolis	320
58. Thompson, O. H.	
3821 38th St., San Diego	318
59. Brozman, H. H.	
948 Ash St., San Diego	318
60. Adams, H. J., Jr.	
Stanford University	317
61. Isbell, Jas. A.	
4503 Georgia St., San Diego	317
62. Knepp, P. C.	
734 E. Mountain St., Pasadena	313
63. Jensen, J. C.	
P. O. Box 84, Oilfields	313
64. Portello, G. A.	
1727 Lane St., San Francisco	312
65. Ivey, O. C.	
928 Wilson St., Fresno	309
66. Lockwood, H. J.	
1230 N. Jackson St., Glendale	306
67. Petty, S. W., 309 G St., Madera	303
68. Joy, W.	
c/o Collins Service Station, Ontario	297

200-YARD OFFHAND MATCH

1. Barthold C. G.	94
2. Johnston, P. D.	92
3. Martin, J. H.	91
4. Perozzi, J. H.	91
5. Adams, H.	91
6. Budde, L.	91
7. Kanagy, R. C.	91
8. Barnes, T. R.	91
9. McVey, M. D.	90
10. Cameron, F. W.	89
11. Ronkendorf, H. P.	89
12. Nelson, H. F.	89
13. Heins, M. M.	89
14. Williams, S. C.	89
15. Jones, C. E.	89
16. Laine, Franck	88
17. Jeffrey, L.	88
18. Haak, Waldo	88
19. Craven, E. A.	88
20. Elliott, F. K.	88
21. McClure, T. T.	88
22. Weaver, C. L.	88
23. Gardner, E. G.	88
24. Tarr, C. B.	88
25. Uphaw, G. M.	88
26. Taylor, W. J.	88
27. Fauntleroy, C. E.	88
28. Dean, B. R.	88
29. Orton, L. R.	87
30. Randall, C. W.	87
31. Chilcote, H. L.	87
32. Kimmach, E. E.	87
33. Negranti, P.	87
34. Mehegan, L.	87
35. Wheatland, F. R.	87
36. Tarr, W. C.	86

37. Pope, W. C.	86
38. Lehmann, H.	86
39. Fischer, A. A.	86
40. Smith, E. G.	86
41. Thompson, Capt. O. H.	86
42. Harness, Jno.	86

SLOW-FIRE CHAMPIONSHIP

1. Barthold, C. G.	185
2. Perozzi, J. H.	184
3. Harness, Jno.	180
4. DuNah, C.	179
5. Haak, W. C.	178
6. Heins, M. M.	178
7. Fischer, A. A.	178
8. Jones, C. E.	177
9. Laine, Franck	177
10. Wright, H. C.	177
11. Mehegan, L.	176
12. Kimmach, E. E.	176
13. Asher, J. M.	176
14. Elliott, H.	176
15. Newton, E. N.	175
16. Nelson, H. F.	175
17. Pope, L. A.	175
18. Johnston, P.	174
19. Negranti, P.	174
20. Taylor, W. J.	174
21. Muntener, J. J.	173
22. Kipp, N. L.	173
23. Thompson, O. H.	172
24. Killingsworth, R. L.	172
25. Elliott, Fred	172
26. Ronkendorf, H. P.	171
27. Titherington, G.	171
28. Fraser, C. J.	171
29. Lehmann, H.	170
30. Cline, J. F.	170

RAPID-FIRE CHAMPIONSHIP

1. Pope, L. A.	189
2. Fischer, A. A.	185
3. Kimmach, E. E.	185
4. Haak, W. C.	184
5. Wright, H. C.	184
6. Titherington, G.	183
7. Ronkendorf, H. P.	183
8. Elliott, T. K.	182
9. Asher, J. M.	182
10. Smith, E. G.	181
11. Nelson, H. F.	180
12. Harness, Jno.	177
13. Perozzi, J. H.	176
14. Budde, L.	176
15. Johnston, P.	175
16. Barthold, C. G.	174
17. Craven, E. A.	174
18. Siebert, S. R.	174
19. Newton, E. N.	173
20. Cameron, W.	173
21. Mehegan, L.	172
22. Taylor, W. J.	171
23. Muntener, J. J.	171
24. Jeffrey, L.	171
25. Elliott, Fred	171
26. Fraser, C. J.	170
27. Jones, C. E.	170
28. Kipp, N. L.	170
29. Moore, C. C.	170

GOVERNOR'S MATCH—INDIVIDUAL SERVICE RIFLE CHAMPIONSHIP

1. Pope, L. A., Los Angeles	364
2. Fischer, A. A., Burbank	363
3. Haak, Waldo C., Stockton	362
4. Elliott, F. K., Los Angeles	361
5. Kimmach, E. E., Burbank	361
6. Wright, H. C., Fresno	361
7. Perozzi, J. H., San Luis Obispo	360
8. Smith, E. G., Los Angeles	360
9. Asher, J. M., Pacific Beach	358
10. Harness, John, Dinuba	357
11. Barthold, C. G., Stockton	355
12. Ronkendorf, H. P., Stockton	355
13. Nelson, H. F., Pasadena	355
14. Titherington, Geo., Stockton	354
15. Negranti, Peter, Cayucos	349
16. Johnston, P. D., Aptos	349
17. Mehegan, L., San Francisco	348
18. Newton, E. N., Los Angeles	348
19. Jones, C. E., Calwa	347
20. Taylor, W. J., San Francisco	345
21. Muntener, J. J., Oakland	344
22. Heins, M. M., Los Angeles	343
23. Kipp, N. L., San Francisco	343
24. Elliott, Fred, San Luis Obispo	343
25. Budde, L. L., Fresno	342
26. Fraser, C. J., San Francisco	341
27. Craven, E. A., Selma	340
28. Cameron, W. W., Sacramento	340
29. Swett, C. L., San Diego	337
30. Gyr, W., Lathrop	336
31. Killingsworth, R. L., Coalinga	336
32. Jeffrey, Lester, Fresno	336
33. Lehmann, H., Stockton	335
34. Barnes, T. R., Taft	334
35. Cline, J. F., Madera	334
36. Kanagy, R. C., San Diego	333
37. Chilcote, H. L., Palo Alto	333
38. Elliott, H. F., San Luis Obispo	333
39. Siebert, S. R., San Diego	331
40. Wheeler, F. E., San Francisco	331
41. Laine, Franck, Santa Clara	330
42. McClure, T. T., Santa Monica	330

GRAND AGGREGATE—33 ENTRIES

Perozzi, J. H.	451	Kipp, N. L.	426
Haak, W. C.	450	Jeffrey, L.	424

Barthold, C. G.	449	Kanagy, R. C.	424
Fischer, A. A.	449	Barnes, T. R.	424
Elliott, F. K.	449	Lehmann, H.	421
Kummach, E. K.	449	Gyr, W.	420
Wright, H. C.	444	Laine, Franck	418
Ronkendorf, H. P.	444	Wheeler, F. E.	416
Nelson, H. F.	444	Tarr, C. B.	413
Johnston, P.	441	Wheatland, F. R.	411
Asher, J. M.	436	DuNah, C.	411
Jones, C. E.	436	Adams, H.	408
Mehegan, L.	435	Pope, W. C.	406
Budde, L.	433	Chubbuck, C. D.	403
Taylor, W. J.	433	Ivey, O. C.	401
Heins, M. M.	432	Portello, G. A.	387
Muntener, J. J.	426		

INDIVIDUAL FREE-RIFLE MATCH

1. Upshaw, G. M.	510
2. Cameron, F. W.	478
3. McClure, T. T.	477
4. Wright, H. C.	473
5. Williams, S. C.	471
6. Adams, H.	467
7. Muntener, J. J.	466
8. Cameron, W.	426
9. Elliott, T. K.	423
10. Tarr, C. B.	410
11. Payne, F. C.	399
12. Ronkendorf, H. J.	311
13. Randall, C. W.	139
14. Barthold, C. G.	128

THE ADJUTANT GENERAL'S MATCH

(Six-man team match for trophy presented by D. E. Mittelstaedt, the Adjutant General.)

	200 O. H.	200 R. F.	300 Preme	300 R. F.	Total
1. Burbank No. 1:					
Pope, L. A.	44	48	47	46	185
Upshaw, G. M.	48	42	45	47	182
Kummach, E. E.	43	47	45	46	181
Fischer, A. A.	42	43	46	47	178
Gardner, E. G.	43	45	46	43	177
McClure, T. T.	46	41	43	41	171
					1,074

2. Olympic Club	1,060
3. Stockton	1,059
4. Fresno	1,049
5. San Luis Obispo	1,038
6. Burbank No. 2	1,018
7. Pasadena	1,013
8. Madera	1,007
9. Golden Gate, San Francisco	1,004
10. Palo Alto	983

200-YARD SMALL-BORE MATCH

1. Haack, W. C.	186
2. Ronkendorf, H. P.	185
3. Cameron, W.	185
4. Harness, Jno.	184
5. Fischer, A. A.	183
6. Payne, T. O.	181
7. Budde, L.	180
8. Kanagy, R. C.	180
9. Pope, W. C.	180
10. Wotkins, G. L.	180
11. Denham, J. H.	180
12. Upshaw, G. M.	177
13. Muntener, J. J.	176
14. Gyr, W.	176
15. Jeffrey, L.	175
16. Cline, J. F.	175
17. Isbell, J.	175

SMALL-BORE TEAM MATCH

Team	50-yard	100-yard	Total
Fresno:			
Ivey	195	192	387
Craven	186	194	380
Harness	194	192	386
Jeffrey	190	189	379
Wright	199	195	394
Roberts Island			1,919
Burbank			1,891
			1,926

Team	Total
1. Corbin, C. M., Pasadena	258
2. Ward, Q. E., Los Angeles	247
3. Ross, W. A., Los Angeles	243
4. Upshaw, G. M., Pasadena	240
5. Bartley, J. A., Los Angeles	239
6. Buchanan, C., Los Angeles	232
7. Norton, A. W.	231
8. Davis, Jas. E., Los Angeles	230
9. Nowka, R. J., Los Angeles	227
10. Shelton, J. J., Pasadena	220
11. Knepp, P. C.	217
12. Mehegan, L., San Francisco	212
13. Wheatland, F. R., Pasadena	208
14. Cheek, H. B., Pasadena	206
15. Thompson, Capt. O. H., San Diego	201
16. McCue, Jas., San Francisco	193
17. Fraser, C. J., San Francisco	178
18. Chubbuck, C. D.	119

CALIFORNIA-22 PISTOL MATCH

1. Buchanan, G., Los Angeles	177
2. Cutting, Ned, Eagle Rock	178

3. McVey, M. D., San Francisco	171
4. Upshaw, G. M., Pasadena	169
5. Davis, Jas. E., Los Angeles	169
6. Bartley, J. A., Los Angeles	168
7. Ward, Q. E., Los Angeles	165
8. Elliott, F. K., Los Angeles	162
9. Knepp, P. C., Pasadena	156
10. Wheatland, F. R., Pasadena	153
11. Kingins, Roy, San Francisco	151
12. Ross, W. A., Los Angeles	140

POLICE TEAM MATCH

	Slow	Time	Rapid	Total
Pasadena:				
Corbin, C. M.	95	80	85	260
Norton, A. W.	92	81	84	257
Taylor, D. D.	89	79	86	254
Upshaw, G. M.	90	64	80	234
				985

Los Angeles:				
Ross, W. A.	88	76	85	249
Bartley, J. A.	94	73	80	247
Nowka, R. J.	80	75	82	237
Ward, C. E.	92	70	74	236
				969

THE EIGHTH ANNUAL SEA GIRT TOURNAMENT

(Continued from page 32)

100-YARD UNLIMITED RE-ENTRY—BEST 5 TARGETS TO COUNT—590 TICKETS

No.	Name	Score
1.	Earle Stimson	500
2.	H. H. Jacobs	499
3.	Eric Johnson	499
4.	J. C. Jensen	494
5.	H. K. Mann	493
	J. F. Rivers	493
	F. W. Rogers	493
8.	R. W. Cherry	492
9.	C. N. German	491
	R. H. McGarity	491
11.	C. C. Held	490
	Irwin Tekulsky	490
	A. E. Hart	490
	S. S. Neary	490
15.	F. O. Kuhn	489
	G. H. Sittler	489
17.	A. J. P. Pionnie	487
	C. J. Walker	487

NOTE—All listed received cash prizes.

200-YARD UNLIMITED RE-ENTRY—BEST 5 TARGETS TO COUNT—713 TICKETS

No.	Name	Score
1.	C. S. Shields	491
2.	J. B. Miller	490
3.	C. C. Held	486
4.	H. H. Jacobs	483
	Shirley O'Brien	483
	R. H. Nisbet	483
	Earle Stimson	479
7.	D. D. Hoag	481
	F. J. Kahrs	481
9.	Jas. Hutchins	480
	G. H. Sittler	480
	J. A. Willners	480
12.	H. K. Mann	479
13.	Edson Kinkel	478
15.	H. M. Wolfe	477
16.	R. W. Cherry	476
17.	C. S. Landis	475
	S. Tekulsky	475

NOTE—All listed received cash prizes.

200-YARD UNLIMITED RE-ENTRY OFFHAND—BEST 3 TICKETS TO COUNT—11 COMPLETED SCORES—85 TICKETS

85 TICKETS		
No.	Name	Score
1.	Eric Johnson*	139
2.	Harry Frohm*	137
3.	Wm. T. Barrans*	129

*Cash prize.

SLOW-FIRE SMALL-BORE PISTOL RE-ENTRY MATCH—1ST HALF—12 ENTRIES—45 TICKETS

No.	Name	1st	2nd	Total
1.	George Gratosky	89	89	178
2.	J. Savage	85	82	167
3.	J. F. Rivers	84	78	162
4.	Wm. F. Riedell	85	77	162
5.	Wm. Cook	76	85	161

NOTE—All listed received cash prizes.

SLOW-FIRE PISTOL RE-ENTRY—2ND HALF—12 ENTRIES—48 TICKETS

No.	Name	Tickets	Score
1.	Wm. Cook	91-89	180
2.	Leo Gratosky	90-87	177
3.	S. P. Gardner	82-84	166
4.	W. C. Schwab	83-82	165
5.	T. R. Mullin	84-81	165

NOTE—All listed received cash prizes.

N. R. A. NEWS

(Continued from page 26)

5. Mrs. Helen Croom	217
6. Harlin Cheuvront	216
7. Mac W. Wilkins	216

8. E. C. Thompson	215
9. Earl Shick	215
10. E. C. Dyche	214
11. Harry L. Wilson	214
12. H. E. Keotah	213
13. H. E. Brill	212
14. Frank E. Smith	212
15. F. O. McLean	210

ALL-AROUND CHAMPIONSHIP

1. M. C. Engel, Luther	592
2. Elmer C. Croom, Okmulgee	588
3. Henry S. Jennings, Drumright	586
4. C. F. Berger, Drumright	582
5. J. C. Berger, Drumright	578
6. Harlin Cheuvront	576
7. Harry E. Brill	574
8. Harry L. Wilson	572
9. Henry E. Keotah	571

ARMY RIFLE CHAMPIONSHIP

1. Harry E. Brill	50
plus 8 consecutive bulls (new record for O. E. A. Matches.)	
2. Elmer C. Croom	49
3. Edgar Paul Sittler	48
4. Frank E. Smith	48
5. H. H. Cole	47
6. Mac W. Wilkins	47
7. Harlin Cheuvront	47
8. Richard Dunlap	47
9. Jess Berger	47
10. C. W. Simpson	47
11. C. Dale Wolfe	46
12. F. O. McLean	46
13. Henry Keotah	46
14. Elmer A. Ward	46
15. David Dawson	46
16. J. W. Louthan	46
17. Preston Dawson	45
18. L. S. Martin	45
19. Jack Martin	45
20. G. H. Scott	45
21. C. F. Berger	45
22. D. E. Shick	45
23. Marshall Smith	45

SCHUTZEN MATCH

1. Henry Keotah	78
2. Harry E. Brill	76
3. H. S. Jennings	73
4. J. C. Berger	73
5. Preston Dawson	70

600-YARD ANY-RIFLE MATCH

1. Harry E. Brill	99
2. M. C. Engel	98
3. Preston Dawson	98
4. H. Cheuvront	97
5. Frank E. Smith	97
6. J. C. Berger	96
7. E. C. Thompson	86
8. F. O. McLean	96
9. Harry L. Wilson	96
10. Henry Keotah	95
11. G. H. Scott	95
12. Richard Dunlap	95

SPECIAL LADIES' SMALL-BORE RIFLE MATCH

1. Miss Mary Engel	185
2. Mrs. Helen Croom	176
3. Mrs. Frank E. Smith	175
4. Miss Marjorie McLean	165
5. Miss Martha Engel	158
6. Miss Ann McLean	141
7. Miss Ruth Holloman	125

TARGET PISTOL CHAMPIONSHIP

1. Henry S. Jennings	85
2. E. J. Canada	81
3. Elmer C. Croom	80
4. M. C. Engel	80
5. H. H. Cole	80
6. C. Dale Wolfe	79
7. J. W. Louthan	79
8. Harry L. Wilson	77
9. C. F. Berger	77
10. Henry E. Keotah	76

TARGET-PISTOL TEAM PLACES

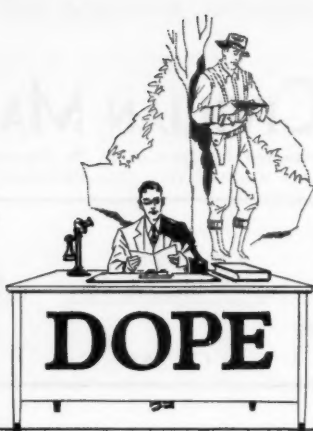
Luther	381 x 500
Drumright	375 x 500
Oklahoma City	332 x 500

POLICE PISTOL CHAMPIONSHIP

1. M. C. Engel	90
2. J. W. Louthan	85
3. H. H. Cole	81
4. Harlin Cheuvront	80
5. E. J. Canada	79
6. Elmer C. Croom	77
7. A. C. Couch	77
8. W. A. Deister	75
9. H. S. Jennings	73
10. Harry L. Wilson	73
11. J. C. Berger	70

POLICE PISTOL-TEAM PLACES

Luther	395
Drumright	320
Oklahoma City (Capital Rifle Club team)	312



RIFLES AND BIG-GAME HUNTING: LT.-COL. TOWNSEND WHELEN

SHOTGUNS AND FIELD SHOOTING: CAPT. CHARLES ASKINS

PISTOLS AND REVOLVERS: MAJ. J. S. HATCHER

EVERY CARE IS USED IN COLLECTING DATA FOR QUESTIONS SUBMITTED. BUT NO RESPONSIBILITY IS ASSUMED FOR ANY ACCIDENT WHICH MAY OCCUR.

A Free Service to Target, Big Game and Field Shots — All questions answered directly by mail

A Super-Accurate Hunting Rifle for a Woman

By TOWNSEND WHELEN

IT IS my intention to have a rifle made for Mrs. Z—, to be used for target, long-range shooting at hawks, chucks, coyotes and perhaps a little for big-game hunting. I have considered a number of rifles, such as 7-mm., .25-35, .250-3,000 and the .25 Roberts. I desire the finest accuracy and the best results in hand-loading.

Of course I would like to fit it with a scope. I have an opportunity to secure a scope that seems to be very good, but not knowing the relative merits of the various scopes obtainable, I come to you for advice and information.

This scope is a Hensoldt Wetzlar Ziel Dialyt 4X, large at both ends. The reticule elevation does not have any means of locking the adjustment to keep it properly set. It comes with a Noske mounting as made two or three years ago. This scope is nearly new and in fine condition. Can you tell me about what the value of this scope would be at the present time? Is this scope suitable for the work that will be expected of it, or would you recommend a different combination of scope and mount for this type of shooting?

This scope and mount would cost me about \$40 to \$55 to buy. Can I get a better outfit of another kind for the same money, or at least not much more?

My wife is about 5 feet 3 inches in height and weighs about 120 pounds. Any suggestions as to the best weight, caliber, barrel length, etc., will be greatly appreciated.

Would I obtain enough better accuracy in having a gun built by Niedner or some other maker of fine barrels to be worth the difference between that and a .25-caliber, 30 Model Remington Express?

I shall greatly appreciate any suggestions you can give me which will help to get the best gun for the purpose mentioned with the least outlay.—F. Z.

Answer (by Colonel Whelen). I should say that all the cartridges you mention are good, accurate cartridges. In the order of their accuracy, considering that they are used in good rifles, I should rank them as follows, starting with the most accurate:

(1) .25 Roberts, when loaded by one skilled in hand-loading.

(2) .25 Remington Kleanbore 117-grain Express Mushroom.

(3) 7-mm. Western 175-grain soft-point boat-tail.

(4) .250-3,000 Savage, Western 100-grain.

(5) .25-35 W. C. F. Remington Kleanbore 117-grain Express Mushroom.

In the hands of a good shot, the 7-mm. has enough killing power for any big game in North America, and the limit for the others is about deer, coyotes and mountain sheep.

The .25 Roberts is probably the most satisfactory caliber for a trained rifleman like yourself. Considering the highest efficiency, but nothing fancy, about the cheapest you can obtain such an outfit for is:

Springfield National Match breech-action, complete, about	\$17.00
Niedner .25 Roberts barrel, same outside dimensions as Springfield .30-caliber sporting barrel, about	30.00
Springfield, Model 1922, pistol-grip stock, butt plate, band and sling swivels, about	7.50
Lyman 48 rear and gold bead front sights, about	12.00
Gun sling, leather, Model 1907	1.81
Hensoldt Zielyt 2½-power scope with Niedner mounting, about	65.00
Full set of reloading tools, about	15.00
100 empty cartridge cases, about	8.00
Total	\$145.81

I do not have exact figures, but these prices are pretty nearly right.

Actually, also, this outfit would be cheaper than any other rifle I know of which would be really satisfactory for your purpose. The .25-caliber Remington, Model 30, rifle on the same basis, for example, figures out about \$175.

It would be a shame not to equip this rifle with a first-class modern hunting telescope sight with the very best mounting obtainable. The Hensoldt 4-power telescope you mention is an excellent glass, but I rather advise something just a little better. Here are my ideas as to that outfit: The 4-power Hensoldt scope is rather larger and heavier than necessary. The glass is probably fitted with a pointed post reticule. I have never been able to get the finest accuracy from such a reticule, and it would probably cost you from \$5 to \$10 to have a good flat-top post reticule substituted.

By far the best telescope is the Hensoldt Zielyt 2½-power with flat-top post reticule, which costs \$30, and by far the best mounting is the new Niedner mounting, which costs \$35. They make a splendid and re-

liable combination—the best obtainable. Mounting attaches to the left side of receiver and holds scope above the receiver just over the Lyman 48 sight. It is necessary to remove the knurled head of the 48 windage screw and substitute a smaller headed windage screw operated with a screwdriver.

Give the entire order, including that for the telescope, to Niedner, supplying him, however, with the Springfield breech action, stock, and gun sling, which you can get from the Director of Civilian Marksmanship, and have shipped direct to Niedner from Springfield Armory.

I have just noted the paragraph in which you state that your wife may use this rifle. In this case, a barrel the same outside dimensions as the Springfield .30-caliber sporting barrel would make the rifle a little heavy. Ask Niedner, instead, to make the dimensions about the same as that of the Springfield service barrel—24 inches long—so it will fit the Springfield, Model 1922, stock, and order the stock from the Director of Civilian Marksmanship without butt plate and of the variety to fit the service weight barrel without rear sight fixed base. Have Niedner fit the stock with a soft-rubber butt pad 5½ inches long by 1½ wide, with 3-inch pitch, and 13-inch length and with light barrel band and sling swivels, and thin the stock without changing its dimensions or the thickness of the comb. The complete rifle will then weigh about 8 pounds, and the scope and mounting will add about a pound. It will be, perhaps, a little heavy for your wife to carry, but not to shoot, and as you will probably carry it most of the time, that will be all right. It ought to be a superb rifle, averaging about 1¼-inch groups at 100 yards, with quite a number of groups as small as 1¼ inches, provided the cartridges are skillfully loaded.

MAKING 16-GAUGE SCATTER BY CUTTING OFF BARRELS

THE writer has a 16-gauge shotgun, and which I have no use for as far as hunting goes. Would like your opinion regarding the making of a scatter gun out of a 16-gauge.

Please advise me as to the length to cut off; also if it is necessary that a gunsmith do the job. We have a machine shop in the building with electric driven saws. Could the barrels be cut off as well on these saws as a gunsmith could do? If so, would you let me know what work would then have to be done on the ends of the barrels?

Is buckshot made for 16-gauge shells? If not for this size, could No. 1 shot be used effectively?—W. J. H.

Answer (by Captain Askins). Anybody with a saw can saw off a pair of barrels. Some saws might leave the edges a bit rough, but a good man with a fine file will soon remedy that. You can take any kind of a reamer or a penknife and ream away the tool marks of the saw about the muzzle.

In order to make a scatter gun of that 16-gauge all that need be done is to cut it off back of the choke and take off about $2\frac{1}{2}$ inches, unless it is a Fox, when 3 inches would come off.

Buckshot loads are made in 16-bore by all our cartridge companies, and can be used in either full-choke or cylinder barrels.

SPRINGFIELD AND REMINGTON EXPRESS COMPARED

I AM A member of the N. R. A. and am desirous of purchasing a .30-06-caliber rifle and can not decide between a Springfield star-gauge Sporter and a Remington Express. I would like your candid opinion as to which arm is the most accurate.

The gun will be given many uses both on the range and in the field, and will also be equipped with a 48 Lyman receiver sight.

I have heard so much talk about the Springfield being superior to the Remington that I would like to know why it is. I am not partial to either gun, but if I am to invest such an amount of money I want to buy the best, as both guns are approximately the same price.

I would appreciate it very much if you will go into detail in this matter and once and for all clear it up, as it has been in dispute in my own mind and in that of my partners for some time.—N. B.

Answer (by Colonel Whelen). Other things being equal, the rifle which has the heavier barrel will always be a little bit more accurate. The Springfield sporting rifle has a barrel which is considerably heavier than the Remington Express rifle. Therefore we would expect, and in fact we find, that the Springfield Sporter is quite a little bit more accurate. The difference, however, is slight from a practical point of view and is not one which should be considered in a hunting rifle. For example, the Springfield Sporter in the hands of a good shot should give groups of about 3 to 4 inches at 200 yards. From a machine rest it averages about $2\frac{1}{2}$ inches at 200 yards. The Remington Express, I imagine, would give about $3\frac{1}{2}$ to $4\frac{1}{2}$ -inch groups at 200 yards when shot from rest by a trained rifleman. This includes the use of the most accurate ammunition, but practically all sporting ammunition will shoot almost this well.

Now we come to the remainder of the rifle. We find that the Springfield sporting rifle is equipped with a perfect stock, which permits the rifleman to hold and to catch aim in the steady positions taught in our "Training Regulations on Rifle Marksmanship," a copy of which I am sending you under separate cover. The rifle has excellent sling swivels, and it has the Lyman 48 receiver sight, which is the best sight with which you can equip these rifles. The trigger pull is perfect in its adjustment. For hunting purposes the front sight on the Springfield should be replaced with a Lyman gold bead front sight, which costs \$100. The only possible objection to this rifle is its weight—namely, 9 pounds. The stock, you will notice, is quite full and what might be termed fat and heavy, and it has a rather heavy butt plate and sling swivels. A good gunsmith can refine that stock down without chang-

ing its vital dimensions, fit a lighter butt plate and lighter sling swivels and bring the weight down to about $8\frac{1}{4}$ pounds.

The Remington rifle, on the other hand, is fitted by the factory with a stock, with which it is absolutely impossible for a rifleman to shoot in any except the standing position with any degree of success. The stock very greatly accentuates recoil. The trigger pull is very miserable on this rifle and must be changed by substituting a sear from a Model 1917 rifle and adjusting it with the double, bolt-action pull, the same as is found on the Springfield rifle. The bolt-action does not always work with the desired smoothness, and it is often quite necessary to have the bolt and the working parts of the receiver polished so as to provide for smooth operation of the bolt. The rifle must be equipped with the Lyman 48 receiver sight, which costs about \$12 extra. For \$7 extra you can obtain this rifle from the Remington company equipped with the Belding & Mull Special stock. This is an excellent stock and in that respect places the rifle about on a par with the Springfield rifle as regards stock. The rifle with this Belding & Mull stock will weigh about $7\frac{1}{2}$ pounds, which is about the minimum that a .30-06 rifle can weigh and still be efficient. This Belding & Mull stock comes equipped with the proper sling swivel eyes for attaching the detachable sling swivels. These detachable sling swivels can be purchased from Griffin & Howe, 202 East 44th Street, New York City, and the so-called Whelen type gun sling can be also purchased from them, the cost of the sling swivels and gun sling being about \$5. Thus you will have to add to the list price of the Remington \$24, plus what the gunsmith charges you for adjusting the trigger pull and for smoothing up the bolt action, which will make the Remington cost about \$30 more than the sale price of the factory rifle. When this is done, from the standpoint of hunting there is really no difference between the Remington and the Springfield sporting rifle, except that the Remington has the advantage of being slightly lighter. From the standpoint of target practice the Springfield rifle, by reason of its greater weight and its greater accuracy, will always be the superior weapon.

There is another matter to consider also and that is the one of the telescope sight. It is a very great advantage to have a telescope sight mounted as low as possible so that one can assume the standard firing positions and have a perfect support for his cheek on the comb of the stock. A telescope sight can be mounted very much lower on the Remington than it can on the Springfield, and for this reason if you are considering ever fitting your rifle with a telescope sight I believe it would be advantageous to expend the extra amount and purchase the Remington rifle, modified as described above. I do not recommend the Remington factory rifle at all.

There are certain basic principles underlying good marksmanship with the rifle, and unless these be adhered to good and consistent shooting can not be done. And the design and details of any rifle must permit compliance with these principles or that rifle can not be shot effectively. Thus one of the most important essentials in good rifle shooting is the squeezing of the trigger in such a manner that the accurate aim and the steady hold is not disturbed. To squeeze the trigger thus it is necessary that the trigger pull be clean and sharp, without any disconcerting drag or creep. The rifleman naturally desires that his bullets strike the target or game where he aims. No two riflemen aim exactly alike, or hold the rifle exactly alike, or resist the recoil exactly alike, hence the sighting will and must be slightly different for every man. Moreover, no two

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lots of ammunition will shoot exactly alike in a rifle. Therefore sights accurately adjustable both in elevation and azimuth (sidewise) are essential in order that the shooter can bring his center of impact to coincide with his point of aim at any range with any ammunition. In order to aim accurately and steadily the eye must be held steady in the line of aim, and to do this it is essential that the cheek be rested down solidly and firmly on the comb of the stock. This, in turn, requires a comb which is not more than $1\frac{1}{4}$ inches below the line of aim, and which is also rather thick. In order that this comb may be brought to the cheek, or the cheek to the comb without assuming a constrained and unsteady position, it is necessary that the butt plate be slipped somewhat up and down on the shoulder. This is particularly true when one aims up or down hill, or changes his position. No butt plate which is small and curved can thus be shifted on the shoulder. The butt plate must be large and flat. A good shooting gun sling provides such distinct advantages in steadying the hold in the sitting, kneeling, and prone positions, or in steady holding in the standing position in strong winds, that no rifleman trained in its use will willingly forego this advantage, and anyone not using the gun sling is hopelessly handicapped when competing against a rifleman who understands its use and uses it. The most efficient and quickest operation of the rifle in rapid fire can only be done when the rifle butt is retained at the shoulder from shot to shot during the firing. To thus retain it in all the firing positions requires that the butt plate be both large and flat, and that it be secured to the stock at a 2- or 3-inch pitch. With a high intensity rifle like those of .30-06 caliber the recoil is severe unless it be distributed over quite an area of surface on the shoulder by a large, wide, and flat butt plate, and with a small, sharp and concave butt plate the recoil becomes so disturbing that flinching, that vital foe to good shooting, is encouraged.

The Remington Model 30 Express rifle as sold to the trade has all the faults enumerated above. This may also be said with equal truth of all of our commercial rifles of all makes, except that a few of them have good trigger pulls and a few have smooth working breech actions. The sporting type of .30-caliber Springfield rifle, and the Remington Model 30 Express rifle modified as suggested herein have none of these faults, and can be shot in conformity with the basic principles of good marksmanship.

BOTH 1917 GUNS ARE O. K.

IN REGARD to the .45 Colt and Smith & Wesson revolvers offered for sale by the D. C. M., kindly advise me which one of these guns would be the most desirable. Is the Smith & Wesson of such quality to warrant the additional cost? Is the condition of these guns good enough to shoot with new-gun accuracy?—C. E. M.

Answer (by Major Hatcher). The Colt and Smith & Wesson revolvers sold by the D. C. M. are both of equal quality and are in equal condition.

The Smith & Wesson is a little more complicated to make on account of the front cylinder lock being a part of the barrel, which accounts for the higher cost, but this does not, in my opinion, make the gun any better or any worse.

These guns are all guns which have seen service and have been thoroughly cleaned and repaired and put in first-class condition. Most of them will shoot with new-gun accuracy.

It is difficult to say which would be more desirable. It depends somewhat on the hand of the user. The Colt has a larger grip than the Smith & Wesson and is a little heavier.

GROUSE GUNS

PLEASE give me some advice on a suitable gun for grouse and small game to be carried in addition to my Springfield Sporter for hunting in Maine.

I have hunted several seasons in Maine, and my problem is one that confronts most every hunter going up there—that is, what would be a good small gun to carry along to shoot the occasional partridge with? A few carry the Game-getter, in a long holster, which is unwieldy and in the way when crawling over and under blow-downs and thickets. Several old-timers told me they had tried the small .22 rifles strapped over shoulder, and found them unsatisfactory.

The owner of the camp offered me a 410 gauge, and said he carried it in his left hand, his .35 in the other when he took a notion for a bird.

Last season, while hunting along a little brook, I had the good fortune to flush about twenty birds all together (unusual for that time of the year, as I have always found them in pairs); and although I proceeded to get five nice birds for dinner with my .30 Government, it sounded like the beginning of a Mexican Revolution; and the single-shot target .22 that you wrote of in the last issue of the "National Sportsman" would have been rather slow, wouldn't it?

What do you think of the new Woodsman model Colt automatic with shoulder holster for this purpose? Can I, with plenty of practice, do really accurate shooting with it?

My experience with ammunition on deer might interest you. I shot a nice buck, using 180 grains Remington Hi-speed; hit just behind the fore leg, the bullet exploded, tearing a 3-inch hole, going back and down, opening up the deer and making a terrible mess of insides; but not penetrating to the other side. The distance shot was about 90 yards. I will never use that again. While tracking a bear, I shot a buck twice through the body with 220-grain Western (couldn't tell which end head was on). The deer got away to die. I'll never do that again.

Last year I shot a nice buck with 180-grain Peters Express point, hitting in the heavy part of the neck. It pulverized one joint of bone and lodged under the skin on the opposite side, which I think is about the right penetration. Of course it met plenty of opposition in the neck bone to expand it. I have the head, a nicely formed 8 point, mounted by Jonas, in front of me now, and am justly proud of it.

What do you think of the 8-power wide-vision Zeiss binoculars for all-around use?—R. G.

Answer (by Colonel Whelen). Referring to your letter of April 10, I am very familiar with the shooting of grouse in Maine and in all of the thickly wooded portions of the Northeastern part of the United States and Canada. As you know, in these regions the grouse are quite tame, and as a usual thing we can and do shoot them out of trees and on the ground, and on account of the thick nature of the woods the range is seldom over 25 yards and usually less than that. Such shooting is not to be regarded as sport, as we regard it when shooting birds, but rather as pot hunting.

I should say that the very best gun of all for such shooting would be a 410-



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gauge shotgun. The range is so short that with a larger bore shotgun you hit the game with so many pellets that you are liable, quite frequently, to blow it to pieces; but with a 410-gauge cylinder-bore shotgun you kill very nicely and neatly at these short ranges. But as I take it, you want a weapon which you can carry with you at the same time you carry your big-game rifle, and of course under these circumstances the 410-gauge shotgun is impracticable.

I have found that the Game-getter gun is also very excellent for this purpose with the lower barrel for the 410 short cartridge and the upper barrel, of course, for the .22 long rifle. The .22-caliber cartridge can be used where you do not wish to have a

loud report on account of scaring game in the immediate vicinity; and yet this Game-getter gun is also too unwieldy to carry when you also carry your big-game rifle. It is, however, very useful when carried on a horse in the West or when carried in a canoe in the Northeast.

For grouse-shooting when you have your big rifle along, a .22-caliber target pistol or target revolver seems to be in order. I have used my .22-caliber Smith & Wesson, .22-32 target revolver with a very great deal of satisfaction for grouse-shooting. In fact, on one trip in Montana a number of years ago I shot about 40 grouse with it and also missed about 15. I think the Colt .22-caliber Woodsman automatic pistol would be equally efficient in every way.

The trouble with these .22 target revolvers and pistols is that, as a rule, you miss too many grouse with them. Perhaps this is not of much moment in Maine, but on a big-game trip grouse come in very handy indeed for the pot, and in a day's journey in the big-game countries that I am familiar with one gets perhaps only five or six shots at grouse during the day. If he can get four grouse he has a pretty good mess for himself and his guide, but if he misses half of them and has only two birds, or so, to show it does not help out in the grub line very much. But with a little detachable shoulder stock for a pistol or a revolver, and a pistol or revolver equipped with a Lyman type rear sight, so that aim can be taken with the eye near to the rear sight, he can do much better—perhaps getting every bird that he shoots at. On my last trip in the Canadian Rockies my friend had along a little Diamond Model Stevens pistol which had such a stock, and it was extremely efficient for grouse-shooting. Both the pistol and the little detachable stock slipped together in a belt holster and were never in the way. This particular pistol is no longer made. However, it would be easily possible to have a gunsmith take the Stevens No. 35 offhand pistol, modify the rear sight so as to have an aperture of the Lyman type, and slot the metal cap at the end of the grip so that a small metal stock made of quarter-inch steel rod with a little curve at the end for a butt plate could be slipped in and out of the end of the grip. Both the pistol and the stock, when separated, could go into a holster. Better still, perhaps, would be the same arrangement with a Colt Camp Perry pistol. This Camp Perry pistol with such a stock would make, I should think, the very best grouse gun that one could have to carry in conjunction with his big-game rifle.

Of late years I have gotten away entirely from grouse guns, and instead I use a reduced load in my .30-caliber Springfield rifle, this reduced load consisting of the 150-grain full-jacketed service bullet and 18 grains of du Pont No. 80 powder. You can shoot a grouse through the body with this load and still have plenty of good meat left for the table, and it obviates the necessity of having to lug around a heavy revolver or pistol on the belt.

It is true that the average big-game load for .30-06 rifles spoils entirely too much good venison on a deer. It happens, however, that the Peters make of .30-06 hunting cartridges with 220-grain soft-point bullet or with a 180-grain expanding-point bullet have a lower velocity than the average cartridges of this caliber and that they spoil less meat. At the same time they have absolutely ample killing power for deer and I think are the most suitable cartridges for such use.

The 8-power Zeiss binoculars with large field of view are as good field-glasses as you can possibly obtain. They should be

excellent for use in the Rocky Mountains for any kind of hunting.

TAKING RIFLES INTO CANADA—THE MODEL 57 WINCHESTER

I AM making a trip to Canada this summer, and if possible I would like to do some hunting. Can I take a Krag rifle and ammunition across the border? I will enter at Vancouver, B. C.

I have just purchased a Winchester 57. What kind of scores are made with this rifle? I could not afford a 52.—J. N.

Answer (by Colonel Whelen). There is no difficulty whatever in taking any rifle and ammunition across the border into Canada and there is normally no duty on the same. You register your rifle, together with its number, with the Canadian customs officer when you go in, and he gives you a registration slip. When you come out and bring the rifle out with you, you have it recorded on the slip and turn the slip in to the Canadian customs officer as you re-enter the United States. You are then not charged with duty on the same. If you did not bring the rifle out with you and if you did not have it recorded, the Canadian customs would blacklist you and would endeavor to collect the duty from you through diplomatic channels. This is a courtesy which the Canadian customs is extending to sportsmen from the United States, and it is up to our sportsmen to see that we live up to it, and in every case bring our weapons out again with us or report them to the customs officer for collection of duty in case we should leave them in Canada or sell them there.

The Winchester Model 57 rifle is a most excellent little light rifle, particularly for hunting purposes. From a machine rest it will shoot almost, if not equally as well, as a Model 52 rifle, but when shot without a rest it is rather light for the steady holding, and a rifleman has difficulty in holding it as steady as he can the heavier Model 52 rifle. It is perhaps also a little bit too boy-sized for a full-grown man, and for these reasons one is a little bit handicapped with it in competitive small-bore rifle-shooting, but for a hunting rifle and for ordinary shooting it is most excellent.

SIMPLE TO PUT REAR SIGHT ON SHOTGUN

I HAVE a Lefevre single, 12-gauge, full-choke with 30-inch barrel. I would like to know if a rear sight may be put on, and if it would improve my shooting.

Can the .44 ball cartridge be used in a 410-gauge shotgun?—E. A. H.

Answer (by Captain Askins). Yes, you can put on a rear sight, either open or peep. Make an open sight, flat on the base, right elevation, and cut a notch in it, either V shape or U shape; go to a tinsmith or anybody else that can solder that sight on. If the work is halfway right the sight will stay put.

The .44 shell, except .44 Colt, is slightly bottle neck, and probably would not go into a .410 chamber. If it did you couldn't shoot the bullet that belongs to that shell, because it takes rifling to keep that bullet head on. You can get round bullet loads for the .410, which will be better.

CONCERNING THE MODEL 1917 REVOLVERS, AND WHERE TO GET CLIPS FOR THEM

IN AN earlier issue of the RIFLEMAN I find a letter in the Dope Bag inquiring about clips for the auto. cartridges, cali-

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WITH the outdoor big-caliber matches in mind, shooters who aspire to higher scores find indoor practice with reduced loads a valuable aid in becoming proficient with big-caliber rifles, pistols or revolvers.

Let us show you at our Camp Perry headquarters how easily Ideal Tools will turn out accurate reduced or mid-range loads.



The No. 10 Tool handles Rimless cartridges .30G-06, .270 Win., .250-3,000 Sav., 7.65 Mauser, .25 Rem., etc. \$6.50. No. 3 Tool for Rim cartridges, .25-20, .30-30, .32-40, etc., \$6.00.



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ber .45, to be used in the 1917 revolvers. Clips exactly the same as those sent with the guns by the Government arsenals may be purchased at Von Lengerke & Antoine, 33 South Wabash Avenue, Chicago, Ill. I enclose the item cut from their catalogue and an order blank. The price is 5 cents apiece; but I don't know where they get their stock. They carry a fine line of rifles, revolvers, pistols, cartridges, and hunting or fishing clothes and accessories. They will send their fall and winter 128-page catalogue or their spring and summer 144-page catalogue free of charge.

Is the revolver manufactured commercially by Smith & Wesson any better in mechanism or finish than the one sold to the United States? I do not consider the guns now sold as "used," but as they were when new. Is the Colt Automatic or the Smith & Wesson revolver (shooting

rimless .45's) the better side arm for big-game hunting?—F. L. L.

Answer (by Major Hatcher). Please accept our thanks for your kind letter of April 4 informing us that clips for the 1917 revolver can be obtained from Von Lengerke & Antoine.

We have also received information that the above-mentioned clips can be purchased from Smith & Wesson for \$3.75 for a stick of 250 clips or 2 cents apiece.

The Model 1917 revolver manufactured by Smith & Wesson is no better in mechanism or finish than the ones they sold to the United States during the war. In fact, the Smith & Wesson Model 1917's sold during the war were first class in finish and mechanism.

The Colt company did not take so much care with the outside finish of the 1917's they sold to the Government as they do with their commercial product. For this reason the Colt guns that the Government bought cost them somewhat less than the Smith & Wesson guns, and that is one reason why there is a slight difference in the price to the public of the 1917 Colt and 1917 Smith & Wesson revolvers as sold through the Director of Civilian Marksmanship.

When it comes to comparison between the Colt Automatic and 1917 revolver, I prefer the Automatic, as it is more compact and puts more shots at the shooter's command, and what is more, it gives an added rapidity of fire. It is just as reliable as the revolver, in my opinion. Some people are, however, accustomed to using revolvers and do not like the automatic pistol. For anyone in this category, I would suggest the revolver. The revolver, moreover, has another advantage, and that is, if you want to, you can use auto-rim cartridges with lead bullets instead of using the full metal-jacketed bullets.

I am returning the order blank from Von Lengerke & Antoine. I will write to them at once for their catalogue.

LOADS FOR THE .38 SUPER-COLT

I READ with much interest the article regarding the new .38 automatic pistol appearing in a recent issue of the RIFLEMAN. I would like to ask a few questions, as I have one of the new guns, but have had no opportunity to try it out.

What make of ammunition gives the 1,190-foot velocity? What brand of powder is used, and what is the charge of the same to give high velocity?

I do my own reloading on all rifle and pistol cartridges, and my idea here is to obtain the bullets from the Western people and do my own reloading. I have had a complete reloading outfit for this shell for many years, but never used it, as I do not like the old .38 Colt gun and I would never buy one.

Du Pont for Pistol No. 5 gives a charge of 5.6 grains with a velocity of 1,135 f. s. I was wondering if this charge could be increased about one grain and not have the shells stick.—F. H. C.

Answer (by Major Hatcher). The brand of ammunition referred to in my article as giving 1,190 foot-seconds of velocity is Peters.

The standard factory load for this cartridge is about 4 7-10 grains of Bull's-eye powder, the exact charge depending on the lot of powder as powder varies somewhat from lot to lot.

My article on this subject comparing different velocities of this cartridge has caused some of the cartridge companies to revise their specifications. I have just received from the Remington Arms Co.

samples of the new Remington Kleanbore cartridge for this gun, which gives 1,200 foot-seconds muzzle velocity.

In regard to the charge of 5 6-10 grains of du Pont No. 5, I do not believe that it would be safe to increase a grain, as you suggest. Of course, these charges of powder given out by du Pont have a certain factor of safety in them to take care of variations between different powder lots and also to take care of possible slight errors in loading.

However, in increasing a charge of smokeless powder, it is necessary to bear in mind that some powders will gradually increase the pressure as the charge is increased until at a certain point a critical pressure is reached, and a very small increase of the charge will cause a large increase of pressure. I do not know just where this point is with the .38 automatic cartridge, but would advise you to stick to the charge that du Pont gives; or, if you wish to increase it at your own risk, start with only 1-10 of a grain at a time, watching the cartridge for signs of undue swelling.

As a matter of fact, 1,135 foot-seconds velocity is really a very high velocity and is very satisfactory for this gun.

COLT .38-40 AND .41 CALIBERS USE SAME BARREL

I AM writing you for information concerning a Colt .41 cartridge. Mattern says in his book that a Colt .41 normal groove is .386, and you say in your book that a Colt .41 is .401.

I would like to know if it is possible to use a Colt .41 barrel for .38-40-caliber bullets, as a .38-40 is grooved .401. Is it possible for me to obtain a .41 Colt at a very reasonable price, and I would like to use the same barrel?—J. H. T.

Answer (by Major Hatcher). The groove diameter for the Colt .41 is .401 and the diameter across the lands is .394. There is a tolerance of .001 on this diameter, figures given being the minimum.

The figures for the .38-40 barrel are exactly the same. In other words, the .38-40 and the .41 guns have the same barrel on them, although very few people realize this.

I think this answers your question fully, as you see it will be quite possible to use the .38-40 in the barrel you refer to.

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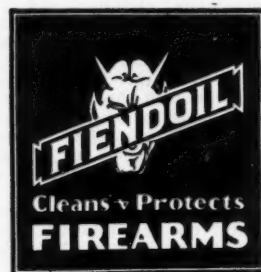
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nails, hammers, target-frame posts, etc., etc.?

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Figured the prize moneys and attended to having your checks made for the amounts due you?

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Was criticised for the decisions that were not in accordance with the wishes or ideas of certain of the contestants?

Some man or number of men is or are responsible for all these things. NOTHING EVER "JUST HAPPENS."

All the success of the matches was the result of time, thought, and energy.

Might we not take a lesson from the above, and learn to appreciate those who are giving of their time, experience and energy without hope of reward other than the pleasure of being allowed to serve.



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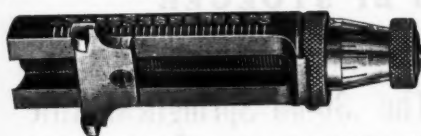
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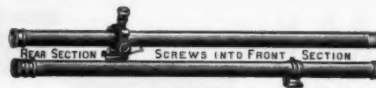
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.22 COLT 7-shot, brass frame, good, \$7; .32 Remington magazine pistol, engraved, fine, \$14; .44 S. & W. Russian Spurguard, perfect, \$40; two percussion rifles with mounds, good shooting guns, \$3 each; Officers' Model, 6-inch Heiser holster, perfect, \$30. WANT—Colt .44 Special, ultra; .22 Woodsman. A. Hodges, 1930 Genesee, Utica, N. Y. 8-29

BUFFALO NEWTON RIFLE, caliber .30, never fired, price, \$25; in factory condition. Jesse Holmes, Yaquina, Ore. 8-29

WE ARE CLOSING OUT our entire stock of guns, rifles, revolvers, etc., at remarkably low prices: Daly DB hammer, 12-32 Damascus, \$22.50; Lefever hammerless, 12-28 M. & F., new, \$22.50; Crescent hammerless, .410-26, fine, \$15; German 2-shot, 12-30, new, \$16; excellent single-barrel, 16-30, full, new, \$6.50; Ithaca hammerless, 12-30 M. & F., new, \$28.50; Winchester, Model 92, caliber .35, new, \$25; Winchester, Model 94, caliber .30, \$12.50; Winchester, Model 92, .25-20 TD, like new, \$25; Winchester, Model 94, carbine, .38-55, good, \$15; Savage TD, .22 H. P., \$13.50; Winchester, Model 94, carbine, caliber .30, good, \$18.50; Winchester auto., caliber .401, forearm slightly cracked, good, \$25; Winchester auto., caliber .410, good, \$27.50; Winchester auto., .351, like new, \$30; S. & W. .38 Special M. & F., 4-inch nickel, like new, \$23.50; Colt PP .38 Special, 4-inch, like new, \$22; S. & W. .38 Hammerless, nickel, pearl, 6-inch, good, \$16.50; S. & W. .32 hand ejector, 6-inch, nickel, pearl grip, good, \$21; .45 Colt auto., \$15; Ruger, .30-caliber, 3¼-inch, \$15. Wanger's, 522 Market St., Philadelphia, Pa. 8-29

44 BACK NUMBERS OF AMERICAN RIFLEMAN, 26-27-28-29, \$5 f.o.b. Pontiac. J. W. Osmon, R. F. D. No. 7, Pontiac, Mich. 8-29

COLT .38 OFFICERS' MODEL, with Ideal tools and mold, all in prime condition, \$30; Smith & Wesson .22-32, Call gold bead, Patridge sights, new, \$25; Remington pistol action, 10-inch, .22 target barrel by Peterson, as fine as barrel as Peterson ever built, all new, \$25; Springfield, Model 1863, .55-caliber, good, never fired, \$7.50. Dr. Lincoln Riley, Wisner, Nebr. 8-29

GUNS, binoculars, etc., 15 per cent off, except Zeiss. WANT—Maxim silencer for Springfield. S. Lowry, Box 119, Eagle Rock, Calif. 8-29

BARGAIN—30-06 Winchester 54, new condition, Lyman 48 Jostam pad, J. T. Hausman, 1316 Clover Lane, Fort Worth, Tex. 8-29

MARLIN .30-30, good condition, \$15. Loren Seidel, East Grand Rapids, Mich. 8-29

BEAUTIFUL Sporting Springfield, never fired, King's gold bead front, Lyman 48 rear sling and recoil pad, extra bolt, and 150 cartridges, \$60; Winchester 50.110 Express Model 86, factory condition, 2 boxes cartridges, \$25; Savage .303, Model 99, takedown, fine condition, \$25. Jim Frakes, Amsterdam, Mo. 8-29

SELL ONLY—Engraved Ballard set triggers .32-40 Schoyen barrel, .22 Ballard-Winchester barrel; one .38-55 Ballard barrel; Ballard stock palm rest; heavy Swiss butt plate. W. R. Allen, 1301 Pierce Bldg., St. Louis, Mo. 8-29

S. & W. .32-20, good condition, 6-inch barrel, Military and Police, blued finish, Audley holster, \$24; 100-grain Belding & Mull, nickel mould, \$6. Clarence Schmidt, 2453 Central, Dubuque, Iowa. 8-29

GUN CRANKS—Just what you have been waiting for! You can now make hollow- and solid-point bullets in the same mould as fast as with ordinary moulds. Any shape of bullet by using my patented device can be attached to any mould. Send for circular or send 4 cents for sample bullets. M. G. McNeely, Box 201 Fruitvale Sta., Oakland, Calif. 8-29

WINCHESTER Musket, takedown, .22 L. R. Lyman 103 and 17, also scope blocks, perfect inside, \$20. TRADE—Winchester S. S., heavy action, for Ballard action. V. R. Olmstead, 429 Warburton Ave., Yonkers, N. Y. 8-29

MARLIN FANCY 39, oiled stock, Lyman 2A rear, shot very little, \$15; Winchester 57, almost new, \$12; both in gun crank condition. Cash; no trades. Tris B. McCall, Opelika, Ala. 8-29

.22-CALIBER Marlin, Model 38, one Stevens .22, Diamond model, tip-up pistol, all perfect. Boyd McGarry, Westover, Pa. 8-29

KRAG AMMUNITION, about 500 rounds. State price offered. J. A. Bareis, 29 N. Lee St., Cumberland, Md. 8-29

WINCHESTER .32-20, Model 1892, rust-marked from storage, little used, accurate, \$10. W. L. Humphrey, Jr., Round Hill, Va. 8-29

BUTTLOG walnut gunstock blanks, \$1 up; any thickness. Stamp brings descriptive price list. John Parkhill, 624 Fourth St., Rochester, Minn. 8-29

SELL ONLY—Winchester, '12 Model, 16-gauge pump 28-inch, full choke, Jostam pad, \$35; Winchester 57, No. 7 Lyman front, Parker .22 rod and tips, \$22; Colt P. P., .35, 4-inch barrel, Folsom holster, rod, cartridge belt, fired 150 times, \$25; H. & R. P.G. 12-gauge 30-inch, single modified, \$6. All in perfect condition. Aaron Sassaman, 36 Elm St., Tamaqua, Pa. 8-29

WINCHESTER musket, .22 L. R., \$15; .410 double hammerless Stevens, \$18; .32 Colt P. P. target ideal tool, \$25. Robert Charley, R. F. D. No. 1, Cuyahoga Falls, Ohio. 8-29

HENSOLDT 6 x 26 Dialyt binoculars, 12-ounce, brand new, cost \$56, sell \$35; fine 2¼ x 3¼ Zeiss camera, new, \$35. George Jaffe, 55 Linden Ave., Brooklyn, N. Y. 8-29

AMMUNITION, half wholesale, many rifle and revolver calibers; large amount. What do you use? Art Burnside, Dakota St., Spokane, Wash. 8-29

SAVAGE 25-35, half-octagon, Lyman sights, new condition, Ideal tools, 3 boxes cartridges, 1,500 M. P. bullets, empties, primers, \$45. C. Strange, 37 Silver St., Greenfield, Mass. 8-29

WINCHESTER 52, very good condition, \$26.50; Stevens No. 10 pistol, \$5. Robt. Champlin, 350 Mt. Prospect Ave., Newark, N. J. 8-29

SAVAGE SPORTER .22, perfect, \$15; Iver Johnson .32 Special, 6-inch, fine, holster, \$10. Davidson, 717 6th St., Portsmouth, Ohio. 8-29

WATER SPANIEL pups and older dogs, good hunters and pets. M. B. Gilmore, R. F. D. No. 2, Dexter, N. Y. 8-29

WINCHESTER 52, good, \$20; B. S. A., accurate, \$15; Hensoldt Astro Dialyt spotting scope, new, \$40. D. E. Jacoby, Logan, Ohio. 8-29

SPRINGFIELD SPORTER, 20-inch barrel, 103 Lyman rear sight. First money order for \$25 takes it. Harry Arnold, 3205 Denison Ave., Cleveland, Ohio. 8-29

MEXICO, 800,000-acre big-game hunting territory. Write E. A. Hatton, Del Rio, Tex. 10-29

YES, I had two of them; just decided to sell this one for \$275. When it is sold like my other one was, where are you going to find another 1818 Springfield pistol with the rare goose-neck hammer? William Bail, Jr., West Chester, Pa. 8-29

BELDING & MULL SPORTER, .30-06, 3X B. & M. scope, bolt-ejector sight, Whelen sling, perfect condition, cost \$155, sell for \$125. C. R. Willson, Dunkirk, N. Y. 8-29

7-MM. RIFLE, Mannlicher-Schoenauer action, Hoffman 24-inch barrel, factory stock with forearm shortened, horn forearm tip, Lyman bolt sight, fired 100 times, new condition inside and out, \$50. C. S. Buchanan, 607 Adams St., Toledo, Ohio. 8-29

REMINGTON 17-20-gauge pump, two barrels, one bored for quail-shooting, other 30-inch raised-rib full-choke sock with recoil pad, special leather carrying case for both barrels, cost about \$90, sell for \$60; also sell 12-gauge Remington automatic, new condition, 30-inch raised-rib full-choke barrel, case and special cleaning rod, cost about \$75, sell for \$60. D. B. Brown, Box 61, Midland, Tex. 8-29

NEW AND USED guns at bargain prices. No Lists. State your wants please. Earl J. Russell, Monmouth, Ill. 9-29

BOND SIZING PRESS, caliber .30, with special handle, elevating bracket and lifting spring, \$10; extra .45 ACP dies, \$3. B. & M. 31198 mould, \$3; Yankee .45 ACP hollow-point mould, \$3.50; gas-fired melting pot, 15-pound capacity, and dipper, \$3; B. & M. 31198 bullets, sized, 50 cents per 100; Gibson mandolin, \$15. All in perfect condition. WANT—Belt for 8-mm. Maxim. E. M. Hoskinson, Lincoln, Nebr. 8-29

FULL-LENGTH shell-resizing dies for .38 Special, .45 Automatic, and .45 Colt, \$1 postpaid. McCaslin, Centralia, Kans. 8-29

DAVENPORT single, 10-gauge, 36-inch, like new, 300 cartridges, \$18; Stevens Ideal, .32-40, fine, cartridges, reloading tools, \$14; Winchester .44-40, Model 13, good, \$12; cartridge 200, .32-40, and reloading tools, \$5; 50-95 Express and tools, caps and balls, for .44 percussion revolvers. Fred Wainwright, Grayling, Mich. 8-29

PAIR .44 COLT C. & B. revolvers, \$12 each; 31 Cooper D. A. C. & B. revolver, \$5; 3,500 .32 R. F. short empty primed cases, \$7.50; F. A. .30-caliber 5-ball (round) mould, \$2.75; 45-70 4-ball (round) \$5.50; .56 Colt 2-ball mould, \$5; F. A. combination re-decapping tool, .45 and .30 Krag, \$2.25; .30 Krag and .30-06, \$1.75; .45 Colt S. A. cylinder, \$2. Transportation extra. A few fine rare U. S. Military rifles and handguns. B. K. Wingate, Box 481, Reading, Pa. 8-29

.44-40 NEW SERVICE 7½-inch blued, good, \$18.50 with holster; Model 53 Winchester, .25-20 as new, some cases and primers and reloaders, \$25; Marlin .32-40, fair, \$12; Stevens pocket rifle, 25 R. F., \$12; .38-40 Frontier 4¼-inch, serviceable, \$5; pair of French binoculars, \$15; Winchester heavy single shot, set trigger, takedown action for .22 R. F., \$1.50. H. S. Hughes, Richmond, Mo. 8-29

NEW ITHACA Victory, \$75; Smith Olympic, \$84; practically new Winchester trap grade, ventilated rib, \$95; another fine one for \$85; fine Baker, 32-inch, trap gun with leather case, \$75; fine Smith Ideal, 20-gauge, ejector with leather case, \$50; new B. S. A. 12-gauge, \$45; prewar .30 Ruger, brand new, \$35; new Remington, .30-06, with Lyman 48, for \$40; fine 5A scope, with case, \$25; new Colt .32, Police Positive, \$18.50. Fred Anderson, 239 Main St., Hackensack, N. J. 8-29

HANDMADE TARGET STOCKS for Model 52 rifle. Prices reasonable. Several nice stocks on hand. Good 5A scope with mountings, \$23. Perry D. Frazer, Ridgewood, N. J. 8-29

BIG SALE OF ARMS, Ammunition and Sporting goods. Percussion revolvers, old-time and modern arms; Colt .45 Automatics, \$15; Krag bayonets, \$1; Winchester 92 Special, Lyman sights, .25-20, excellent, \$23. Write for the others. Gerald Crozier, McGraw, N. Y. 8-29

CROSMAN .22, perfect condition, accurate, economical, powerful, cost \$15; first money order for \$9.50 takes it. Dr. Morgan, Moro, Ore. 8-29

VEST POCKET .32 Auto., \$8; B. & M. Krag bullet seater, \$1.75; Krag carbine, peep, \$10. All excellent. Schoebel, 828 14th Street, Milwaukee, Wis. 8-29

STOCK-FINISHING OILS—Limited quantity especially good lined, free from fish oil and measuring up to U. S. specifications, prepared for stock as prescribed by Clyde Baker. Pure raw oil, alkanet colored, 6 ounces, 45 cents; boiled oil with driers for final finish, 6 ounces, 65 cents; leather-covered buff stick as used in our shops, 85 cents; finest lump rothenstone, handy chunk, 35 cents. Baker & Main, North Kansas City, Mo. 8-29

GUNSTOCK BLANKS: Our Beautiful "Tiger Flame" maple and walnut, "Tough as hickory and hard as nails," cuts "The Better Blanks." Stock-making instructions free. Descriptive treatise: "Gunstock Blanks of Flaming Beauty" for stamp. 8-29

BELL, "The Gunman," Lewistown, Pa. 8-29

OWEN .30-06 Springfield Sporter, practically new, perfect condition, shot less than 20 times, will group less than 2 inches at 100 yards, elaborately engraved, stock picked from hundreds of blocks of imported walnut, a masterpiece. First certified check for \$250 takes it. Could not be duplicated for twice the amount. I need the money. C. H. Michel, 1920 Genesee St., Utica, N. Y. 8-29

REMINGTON EXPRESS .30-06, with latest Zeiss 2¼x scope No. 2, gratin, lowest type Western mounts, all new, shot only 10 target rifle, has hand-smoothed action, perfect 8-pound military pull trigger. This is a \$101 job for \$78. Shipped C. O. D. express subject to examination. Satisfaction guaranteed. Other guns with scopes. Dennis Tilden, 2623 Stout St., Denver, Colo. 8-29

MODEL 1914 English Enfield (not Lee Enfield), .303-caliber, superbly stocked by Linden, with straight, high comb stock for scope sight, and an action that will take the scope very low, detachable sling swivels, recoil pad; fore-arm tip of buffalo horn, with horn inlays on recoil bolt, as fine a job of stocking as usually seen anywhere in this country, rifle made by Winchester and nicely blued, gun new and perfect, never fired, first check for \$65; No. 103 Lyman sight mounted on Springfield, cocking piece, new, \$7.50 without disk; Argentina Mauser, 7.65-mm., barrel somewhat pitted, stock well shaped, with a neat, clean little action in perfect condition, \$10; Savage Sporter, Model 28C, .32-20 caliber, new and perfect, \$15; Fine Remodeled Enfield rifle described in November, 1928. **AMERICAN RIFLEMAN**, \$20. L. J. Hathaway, c/o THE AMERICAN RIFLEMAN. 8-29

THREE-BARREL .12-30-30, over-and-under air rifle, and other guns. B. Boese, 1433 Dayton St., Chicago, Ill. 8-29

HANDMADE holsters, belts, knife sheaths, or anything you want. Write for prices. Send sketch of what you want and will be made to your own ideas. Robert Mingle, 121 S. Burrows St., State College, Pa. 8-29

COLT .38 Special, Police Positive, 6-inch barrel, crank condition, shot very little, \$22. D. Dashnaw, Lake Placid, N. Y. 8-29

405 WINCHESTER Lyman sights, 80 Western sport-point 75 empties, Bond Model B loading tool, 2,000 F. A. primers, \$50; Smith 16-gauge double O. E. grade, 28-inch barrel, ejectors, recoil pad, \$35; new Winchester 52, improved model, sling, Marble's rod, \$30; Winchester heavy-action .25 rim-fire, 28-inch barrel, scope blocks handmade, high comb stock sling, \$28; Peterson-Ballard 38-55 M. L., heavy No. 6 action, double set loading equipment, stock, \$60; a pair W. 44 specials prewar triple lock 6 1/16-pound, plain sights, \$75. Bond and B. & M. loading tools, 38-44-45 calibers. Prices on request all guns new or new condition. Davison Bates, Box 76, New Franklin, Mo. 8-29

GUN BLUING—By genuine Perm-O-Blue process; Springfield or other bolt actions, blue, polished and blued, \$9; if barrel striking not needed, \$6.50; other guns, \$4 to \$10; checking retraced, \$2.50 to \$4; stocks refinished, \$3 to \$7. Baker & Main, North Kansas City, Mo. 8-29

WINCHESTER .32-20, Model 53, nickel-steel barrel, excellent shape, receiver shows wear, special stock, Lyman receiver sight, Sheard front, cost \$42, sell \$22. Horace Thompson, Gentry, Ark. 8-29

COLT Official Police .38 Special, 6-inch, brand new, \$22; Colt .32 Auto., fine \$10; sealed-case 30-06 ammunition, \$12. Edward Peppard, Pontiac, Ill. 8-29

COLT .12 double hammerless shotgun, 2 sets matted-rib barrels 26- and 32-inch, tight, new condition inside, excellent outside, engraved, full pistol grip, curly-walnut stock. First money order or \$50. W. E. Dillard, 601 Court St., Lynchburg, Va. 8-29

86 MODEL, new .45-90, \$25; .40-72 Winchester, \$10; two Stevens favorites, .32-caliber, \$6 each; Page-Lewis .22-caliber, \$2. Will ship C. O. D. Chas. DeGoller, Clayton, Wis. 8-29

SELL OR TRADE

.38-55 WINCHESTER SCHUETZEN S. S. Extra left hand stock, accessories; 3A Kodak anastigmat lens, case, 5 x 7 camera, and outfit. All new condition. Baitings for cash. W. A. W. Circuit camera, shotgun, .22 target pistol, or rifle. Rev. Ralph McCoy, Los Creek, W. Va. 8-29

9-MM. MODEL 1916 Luger with four magazines, perfect inside and fine outside, price \$22.50, or trade for .45 automatic, New Service .45 Colt, or what have you? McCaslin, Centralia, Kans. 8-29

.45 AUTOMATIC Springfield Rifle, 12X binoculars. B. P. Enright, Perry, Okla. 8-29

.30-40 WINCHESTER 1895 Model takedown, 28-inch round nickel-steel barrel, with Lyman sight front rear, 38 windgauge, Marble center and sling (this gun cost me \$72 two years ago), \$45, or 2 cases of 10,000 L. R. P. P.: 32-20 Winchester, 1892 model, solid frame, open sight, with 350 cartridges, \$20, or trade for .22-caliber Reising 12-shot pistol, or S. & W. .22-32 frame, one Crosmen air rifle, \$10, or what? One Julius Von Hofe fishing reel. Make an offer. E. E. Brown, Verona, Pa. 8-29

STEVENS offhand target pistol .25, new condition for .45 auto., Colt S. A., Russian sporting stock or 1 V. Coleman, Guion, Ark. 8-29

REMINGTON-HEPBURN .38 caliber, absolutely perfect inside and nearly so outside, case-hardened receiver, checked-walnut pistol grip stock, 400 loaded cartridges, 100 empties; loading tools to fit Bond Model B handles. W. B. Van Wagner, 223 Cedar St., N. W., Takoma Park, D. C. 8-29

COLT D. A. 41 1871, good condition, make offer. Gaethke, 2127 N. Lawler Ave., Chicago, Ill. 8-29

.270 WINCHESTER, 7-mm. Hoffman, sleeping bag. WANT—22 S. & W. perfected pistol, 303 Savage. Harold Peterson, East Providence, R. I. 8-29

.30-30 WINCHESTER carbine, Marble's head front, perfect, \$24. WANT—38 Colt Auto., pocket model, or .45 Colt Auto.; must be perfect. James M. Smith, Newton Falls, N. Y. 8-29

1906, .303 and 7.62 MILITARY AMMUNITION; 22 Webley air pistol; star-gauged Springfield; ribbed Remington Auto.; other firearms; Crosley radio. WANT—Single-shot center-fire rifle action m/97 shotgun, or what? T. H. Winfrey, 625 East Twelfth, Des Moines, Iowa. 8-29

RADIOLA, MODEL 16, with 6 new tubes (set and tubes only); value \$45. WANT—Haezel-Mannlicher, Springfield or equally fine rifle in gun-crank condition, or what have you? H. G. Liberty, 826 Mission Way, Sacramento, Calif. 8-29

SAVAGE 99C, .303, A1 condition, Lyman front and rear, \$35. OR TRADE for 25 Express or 250 bolt; must be perfect. August Dal Porto, Plymouth, Calif. 8-29

REMINGTON .38 revolving rifle, good shape, \$55; also a few other antique arms. Trades considered. Glade Keith, North Brookfield, N. Y. 8-29

ONE KODAK and Case. Very fine German Kodak, picture size, 3 1/4 x 4 1/4 inches, plates only, type of lens, anastigmat Series I. F.: 4.5, focus 5 1/2 inch, shutter speed adjustable up to five-hundredths of a second, adjustable for elevation and deflection, equipped with spirit level and screw holes for tripod mounting, a very high-class kodak and perfect in every way. Original cost \$75; will trade for Colt Officers' Model .38 or Smith & Wesson, Military and Police Model, .38, 6-inch barrel and perfect condition. Will sell for \$55. Chas. Askins, Jr., Vaqueros Ran. Sta., Dulce, N. Mex. 8-29

BARREL ONLY, Nieder Baby .22, 160 shells, 450 bullets, tools, fits No. 111 Winchester, \$30; two Winchester 52, with special stocks, perfect, Fecker bases, \$25 and \$30. WANT—Fine Ballard-Pope Schoyen and Zischang. W. A. Luce, Ithaca, N. Y. 8-29

HAVE Swiss 41 remodeled, Spencer .56-50. WANT—Heiser spring holster for Service .45 automatic. J. A. Zimmerman, 327 McElowney Ave., New Martinsville, W. Va. 8-29

HAVE a Winchester 1892, .32-20 caliber rifle, Marble's flexible rear peep and gold sheard front sights, very good condition, \$20; or what have you? No junk. Also have \$25 wrist watch, South Bend reel, rod, etc. R. Schellenberg, Kewaskum, Wis. 8-29

B. & M. .30-40 loading tools; Ideal mould 308245. WANT—Model 17, .45 revolver, or .22 automatic pistol. G. Frisbee, Elyria, Ohio. 8-29

GUARANTEED very accurate prewar .30 Luger for .38 Special S. & W. or Colt 6-inch, or 7 1/2. Harry L. Sherwood, 413 Potter St., Kalamazoo, Mich. 8-29

TRADE

VERY GOOD REMINGTON .38 revolver for good .22 revolver with at least 4-inch barrel. John Mahoney, South Hanover, Mass. 8-29

GENUINE LUGER 9-mm. perfect, safety grip. WANT—38 S. & W. Special, telescope. What? Moore, 768 2nd Ave., San Francisco, Calif. 8-29

THIRTY-INCH heavy leather shotgun case, excellent condition. WANT—Case for Springfield Sporter. Write. B. F. Ficken, Hidden Falls, Alaska. 8-29

GRAFLEX 3 1/4 x 4 1/4, Kodaks No. 1, 1A, 3A, Icarotti V. P. All have anastigmat lenses, sport binoculars; Atwater Kent Radio. WANT—Firearms. Frank Wilkinson, 82 Monticello, Buffalo, N. Y. 8-29

NEW MODEL 52 Winchester and 4X scope, both new condition, and Service star-gauged Springfield, good even for accurate 3-barrel, barrels not damaged or rusted. Give description. John Logan, 220 W. Park, Enid, Okla. 8-29

NEW REMINGTON 22 S. Auto-loader, Lyman peep 17, front. WANT—Colt or S. & W. target pistol. J. Floam, 2201 Bryant Ave., Baltimore, Md. 8-29

TRADE—Fine diamond rings for good guns. Prefer trap guns, or what? Dept. G, State Bank Bldg., Granville, Ill. 8-29

TRADE—Female Beagle, four months old, for .22 Savage Sporter or used scope for Krag. R. E. Edwards, Parnassus, Pa. 8-29

TRADE—Model 73 Winchester, .38-40, fine condition, for 12-gauge, double-barrel shotgun. E. O. Cline, Cline, Ill. 8-29

TRADE—Winchester .33, perfect inside, \$20; Camp Perry Colt, new, \$25. WANT—Winchester .270. S. M. Leonard, Dell, Mont. 8-29

TRADE—8-power Stero binocular for .22 Springfield or Winchester 52 or scope. J. Fencil, 10648 Ashbury, Cleveland, Ohio. 8-29

TRADE—Stevens Ideal .25-25, with telescope sight, for best offer in firearms. Krag carbine preferred. B. Flanders, Chelsea, Vt. 8-29

WANTED

WANTED—Small S. & W. .22, 3-inch barrel, 1914 model, new discontinued. H. Fuermann & Sons, 410 N. Michigan Ave., Chicago, Ill. 9-29

WANTED—Hunting scope and mounting for Model 54 Winchester. Trade new Trav-Ler portable radio complete, latest model, cost \$74.40; scope must be perfect. H. A. Thomas, 4084 Lexington St., Chicago, Ill. 8-29

WANT—Ross ammunition, .303 caliber. Quote price. Box 15, Hammond, La. 8-29

.38 AND .44 RIM-FIRE and center-fire Colt and Remington old-style S. A. revolvers. B. K. Wingate, Box 481, Reading, Pa. 8-29

WANTED—Colt or equivalent American cap-and-ball, muzzle-loading revolvers stamped as made by Samuel Colt Patent Firearms Mfg. Co., Paterson, N. J., or by other American makers. If you have any, write giving full descriptions, markings, condition of finish, and price. Will pay cash or trade for other antique arms, if preferred. McMurdo Silver, 6401 West 56th St., Chicago, Ill. 4-30

WANTED—A few fine Kentucky rifles. W. F. Saybolt, M. D., 35 Greenway Terrace, Forest Hills Garden, L. I., N. Y. 10-29

WANT—One case of 1898 Krag rifle ammunition, caliber .30, 220-grain round-nose jacketed bullets. H. J. Rodenberg, Cloverdale Apiaries, Manhattan, Mont. 8-29

WANT—Colt revolver rifles, Kentucky flintlock rifles, Revolutionary muskets, American flintlock horse-pistols. F. G. Carnes, Yoakum, Tex. 8-29

WANT—Magazine for .22 short automatic Febiger rifle, Model No. 1. Walter D. Feldhoff, 7350 Cottage Grove Ave., Chicago, Ill. 8-29

WANT—ANTIQUE brass-barreled gun. R. M. Green Shields, Romeo, Mich. 8-29

WANT—Good grade double 12-gauge shotgun; must be in fine condition and reasonable. Also Lyman sight 48 for Springfield. Albert Wehinger, Monroe, Wis. 8-29

WANT—Old gun Catalogues, obsolete cartridges, Maynard rifles and cartridges, Daigren bayonet, Colt Woodsman, extra-heavy silver watch. Fred Wainwright, Grayling, Mich. 8-29

WANT—Winchester or Fecker scope with mounts, Springfield Sporter with hunting scope, Colt Woodsman, and Winchester 57. Describe item offered thoroughly. Answer assured. H. Schuessler, Peru, Ill. 8-29

WANT—Double-barrel 8-gauge shotgun in good condition. J. T. Maxwell, 1140 Medical Arts Bldg., Omaha, Nebr. 8-29

WANT—Gould's "Modern American Rifles" and Norton's "American Breech-Loading Arms." Good copy of each, priced reasonable. Describe condition. Wm. Sims Bunn, Nashville, North Carolina. 8-29

MISCELLANEOUS

HUNTER-TRADER-TRAPPER—The largest magazine of its kind in the world. Devoted to hunting, fishing, trapping, camping and every phase of outdoor life. Articles every month by the leading writers in their respective fields. Everything facts, no fiction. Send us \$1 for our special "Get-Acquainted" offer, consisting of five back issues and five coming issues as fast as they are off the press. Ten months for \$1. If you have never read H-T-T you are missing something. Send today. Hunter-Trader-Trapper, Subscription Department, Columbus, Ohio. 8-29

SEE WHAT \$4.75 WILL DO!—It will buy a year's subscription to *Field and Stream*. It will buy a year's subscription to *THE AMERICAN RIFLEMAN*; and to American citizens of good standing, the subscription to *THE AMERICAN RIFLEMAN* will also include a year's membership in the National Rifle Association! Where can you get more for your money?

KEEP FIT. Try camping. Five-acre river-front camp site, Ozarks, timbered, hunting, fishing, boating, bathing, \$100; \$5 monthly. Harry Hubbard, 1973 North Fifth, Kansas City, Kans. 12-29

REPAIRING, REFINISHING, REMODELING—Get your guns in shape during slack season. Write us or send guns for estimate. Baker & Main, North Kansas City, Mo. 8-29

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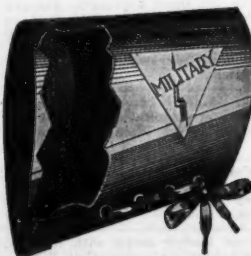
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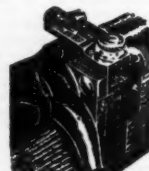
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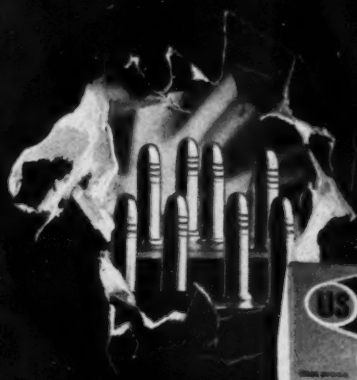
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INTERIOR VIEW OF A CONSTANT TEMPERATURE MAGAZINE

The Life of Smokeless Powders

THE life of a smokeless powder is determined not only by the stabilizing agents that are incorporated in its manufacture but also by the purity of the materials of which it is made. And while strict chemical control is exercised at the powder plant, it is also highly desirable to have some means of checking the life of a powder after it has been loaded and has reached the hands of the shooter.

In discussing the life of smokeless powder, it must be remembered that powder will not stand abuse any more than other every-day articles of common use. Wood rots under excessive moisture, woolen clothes must be protected from moths, and rubber deteriorates if exposed to sunlight or oil. So with smokeless powder—it must be protected by storage under normal atmospheric conditions.

At the Brandywine Laboratory there are a number of constant temperature magazines in which samples of every lot of the various du Pont powders are stored in bottles as shown in the illustration. This particular magazine is kept at 30° C. (86° F.) day in and day out. Every few years a portion of each sample is removed and subjected to storage at the very high temperature of 65.5° C. (150 F.) until the powder breaks down.

As an example of the resistance to decomposition of a high-grade nitrocellulose shotgun powder, consider the following record of Lot 1101 of du Pont Smokeless Shotgun

Powder which was made during the latter part of the year 1915, and placed in the 30° C. magazine on January 12, 1916.

<i>Date of Test</i>	<i>Days the Powder withstood Decomposition at 65.5° C.</i>
2- 8-16	1195 days
5- 7-19	820 days
2- 1-21	745 days
1-28-26	887 days

The balance of this fourteen-year-old sample is still held in the 30° C. and will again be subjected to the high temperature test at future periods even though it is most probable that all the ammunition loaded with this powder has been used over the traps or in the field several years ago.

Du Pont powders are used by all of the principal ammunition manufacturers. They have selected du Pont powders because their ballistic qualities contribute so largely to the superiority of the ammunition, and the consequent success of its users. To maintain these standards of excellence, the ammunition companies will continue to load those powders ensuring the best ammunition possible for a specified purpose.

The du Pont Company with its experience of 127 years and its present resources can supply to ammunition companies the type and quality of powders required to maintain the reputation of ammunition manufacturers and the confidence of the shooters.

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Smokeless Shotgun Powders

